DOCUMENT RESUME

ED 089 593 HE 005 330

TITLE Graduate Science Education Student Support and Postdoctorals Fall 1972.
INSTITUTION National Science Foundation, Washington, D.C. Div. of Science Resources Studies.
PUB DATE Oct 73
NOTE 195p.
AVAILABLE FROM Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402 ($2.85)

EDRS PRICE MF-$0.75 HC-$9.00 PLUS POSTAGE
DESCRIPTORS *Educational Finance; Enrollment; *Financial Support; Graduate Students; *Graduate Study; Graduate Surveys; *Higher Education; Institutional Administration; *Science Education

ABSTRACT

Fall 1971 and Fall 1972 data analyzed in this report were provided by 4,637 graduate science departments replying to the Survey of Graduate Science Student Support. Section one covers trends in support of graduate students in science. General characteristics, characteristics of matched departments, sources of major support and type of institution are discussed. Section two, trends in postdoctoral appointments, reviews matched departments and type and control of institutions. Section three, Fall 1972 characteristics, discusses graduate enrollment and postdoctorals. Graduate enrollment is reviewed in relation to support of fulltime graduate students, medical schools, geographic distribution, and sex of graduate students. Appendices include technical notes; classification of institutions in survey of Graduate Science Support, 1972; statistical tables; and instructions and consolidated departmental data sheets. (MJM)

U.S. DEPARTMENT OF HEALTH
EDUCATION & WELFARE
NATIONAL INSTITUTE OF
EDUCATION
THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL NATIONAL INSTITUTE OF EDUCATION POSITION OR POLICY

GRADUATE SCIENCE EDUCATION
Student Support and Postdoctorals

FALL 1972

SURVEYS OF SCIENCE RESOURCES SERIES
NATIONAL SCIENCE FOUNDATION
NSF 73-315

BEST COPY AVAILABLE

Related Publications

Title	NSF No.	Price
Science Resources Studies Highlights		
"Graduate Science Enrollment Declines 2 Percent From 1971 to 1972"	73-310	.....
"Academic R&D Expenditures Reached $3.3 Billion in 1972"	73-308	.....
"Federal Support to Universities and Colleges Rises to $4.1 Billion in FY 1972"	73-307	.....
Graduate Student Support and Manpower Resources in Graduate Science Education, Fall 1971	73-304	$1.25

Availability of Publications

Those publications marked with a price should be obtained directly from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Where no price is listed, single copies may be obtained from the National Science Foundation, Washington, D.C. 20550.

(See inside of back cover for Other Science Resources Publications.)

GRADUATE SCIENCE EDUCATION
Student Support and Postdoctorals

FALL 1972

SURVEYS OF SCIENCE RESOURCES SERIES
NATIONAL SCIENCE FOUNDATION
NSF 73-315

FOREWORD

At a time when science and technology utilization is being closely scrutinized for its potential benefit to the Nation as a whole, reliable and relevant statistics on our scientific manpower resources are vital for analysis and assistance to policymakers.

This report contains detailed information on a survey of graduate education in the sciences which was conducted in the fall of 1972. It is designed to provide statistics on trends and patterns of enrollments of graduate science students and their support. One important use of the data is to assess the impact of these future Ph.D.'s on the Nation's scientific manpower pool. The report also supplies information on the effect of the growing numbers of postdoctoral appointees assigned to graduate science departments. The survey provides the only source of data on Federal and other support of graduate education in the sciences.

In terms of reliability, these data reflect total population coverage and a 100-percent response rate of institutions. The Foundation is most grateful to the academic institutions for their outstanding cooperation in this effort. Information of this kind is valuable not only for tracing the effects of Federal policy on graduate science education but also for the institutions of higher education in their own planning for future resource utilization.

The report was prepared in the Division of Science Resources Studies, Dr. Charles E. Falk, Director.

October 1973

H. Guyford Stever, Director
National Science Foundation

general notes

- Fall 1971 and Fall 1972 data analyzed in this report were provided by 4,637 graduate science departments replying to the Survey of Graduate Science Student Support. Some key data for the earlier year were obtained in the 1972 survey.
- Trend statistics for the period 1969-72 are shown for 2,706 graduate departments that participated in the NSF Graduate Traineeship Program during 1969-71. Data for these same 2,706 departments are tabulated as a subset of the 1972 survey to preserve comparability in the time series.
- "Graduate departments" refers to the total of all master's and doctorate departments.
- The term "science" as used in this report is understood to include engineering.
- The phrase "graduate enrollment" refers to the total of full- and part-time graduate science students.
- Details shown in statistical tables may not add to totals because of rounding.

acknowledgments

This report was prepared in the Universities and Nonprofit Institutions Studies Group by Penny D. Foster under the supervision of Richard M. Berry, Study Director. William L. Stewart, Head of the R&D Economic Studies Section, provided guidance and review.

The cooperation of the graduate science department chairmen in institutions granting the Ph.D. in science or engineering is gratefully acknowledged.

CONTENTS

	Page
HIGHLIGHTS	vi
INTRODUCTION	vii
SECTION 1. Trends in Support of Graduate Students in Science	1
General Characteristics, 1971-72	1
Support of Full-Time Graduate Students	2
Characteristics of Matched Departments, 1969-72	3
Types of Major Support	3
By Level of Study	5
By Citizenship	5
Sources of Major Support	6
Type of Institution	7
SECTION 2. Trends in Postdoctoral Appointments	10
1971-72	10
Matched Departments, 1969-72	10
Type and Control of Institution	10
SECTION 3. Fall 1972 Characteristics	11
Graduate Enrollment	11
Support of Full-Time Graduate Students	13
Types of Major Support	13
Sources of Major Support	14
Medical Schools	16
Geographic Distribution	17
Sex of Graduate Students	18
Postdoctorals	19

APPENDIXES:	Page
I. Technical Notes	22
II. Classification of Institutions in Survey of Graduate Science Student Support, 1972	31
III. Statistical Tables	
A-1 through A-21: All Graduate Departments, 1972	36
B-1 through B-21: Master's Departments, 1972	67
C-1 through C-21: Doctorate Departments, 1972	98
D-1 through D-10: All Graduate Departments, 1969-72	128
IV. Instructions and Consolidated Departmental Data Sheets	
Instructions	162
E-1 through E-7: All Graduate Departments, 1972	163
F-1 through F-7: Master's Departments, 1972	170
G-1 through G-7: Doctorate Departments, 1972	177
G-8 Doctorate Departments in Medical Schools, 1972	184

HIGHLIGHTS

- A typical full-time graduate student enrolled in a science or engineering department in 1972 was a male U.S. citizen enrolled in a doctorate-level program in a public institution, was studying beyond his first year, and was primarily dependent upon himself or his family for support.

- Graduate enrollment in science doctorate-granting institutions declined 2 percent from 1971 to 1972; first-year enrollment declined 3 percent.

- Engineering enrollment dropped at the greatest rate, 5 percent, followed closely by the physical sciences with a 4-percent decline.

- There were 10 percent fewer students receiving Federal support in 1972 than in 1971, and all areas of science were affected by this curtailment.

- In the departments for which data were available for 4 successive years, full-time students receiving fellowship or traineeship support declined by 18 percent from 1971 to 1972, a loss which was reflected in every area of science, while all other types of support gained slightly.

- The number of foreign full-time students declined at more than twice the rate of U.S. citizens in the departments for which data were reported for 4 years. Every type and every source of foreign student support reflected this decline from 1971 to 1972.

- Full-time enrollment in the "first 20" institutions declined at a much slower rate from 1971 to 1972 than in previous periods, and first-year enrollees in these institutions reversed the declining trend reported in previous years by increasing 2 percent from 1971 to 1972.

- Although total graduate enrollment in the sciences decreased by 2 percent, the number of postdoctoral appointees rose 9 percent. This increasing utilization of postdoctorals in science departments tends to strengthen the department's ability to maintain a high-quality research program while offering the postdoctoral an opportunity to gain experience in his special field.

INTRODUCTION

The survey on which this report is based was inaugurated in 1972 to replace the vital data source previously provided by NSF's Graduate Traineeship Program. Statistics on graduate student support, science faculty, and postdoctoral appointees in the sciences and engineering were collected under that program from 1966 until 1971, at which time new applications for NSF traineeships were no longer accepted. To date, five reports have been published which analyzed the applications supplied by department chairmen in science doctorate institutions.

The change in title of this report, the sixth in the series, reflects the changes in the types of data that are now collected. For instance, faculty data are no longer included. Also, the report represents a departure since it is based on a statistical survey designed by the Division of Science Resources Studies using virtually the same questionnaire format as was used to collect program participation data. This technique eased the response burden and allowed for maintenance of continuity with previous data in the series. However, the survey was expanded to include *all* graduate science departments in doctorate-granting institutions. Replies were received from over 4,600 department chairmen in the 302 graduate and medical schools offering the doctorate. This 100-percent response rate of Ph.D.-granting institutions indicates the high degree of interest in the compilation of such statistics for their analytical value to both institutions and Government policymakers.

The total population coverage of departments in the 1972 survey was compared with data supplied by a smaller number of departments in each of the years 1969, 1970, and 1971 to produce a matched cohort of 2,706 departments. Thus, detailed trend analyses from over 2,700 graduate departments which had supplied data during the entire period 1969-72 are shown in this report. In addition to this set of matched departments, the survey provided several data elements from all 4,600 departments which allowed for comparison between 1971 and 1972 in certain broad categories: Level of study, enrollment status, and Government vs. non-Government support of full-time graduate students.

The following principal characteristics of the graduate enrollment population in 1972 were examined in this report: Enrollment status (full- or part-time); distribution among fields of science; level of study (first-year or beyond); citizenship (U.S. and foreign); control of institution (public and private); and sex of student. The sources and types of major support of full-time students were also analyzed in detail. Institutions were separated into the following categories for further observation: "First 20" institutions – those that were selected by the most number of NSF fellows from 1968 through 1972; 86 "developing" institutions – those that first awarded science Ph.D's in academic year 1960-61; 66 medical schools offering the doctorate; and 130 "intermediate" institutions – the remaining ones surveyed.

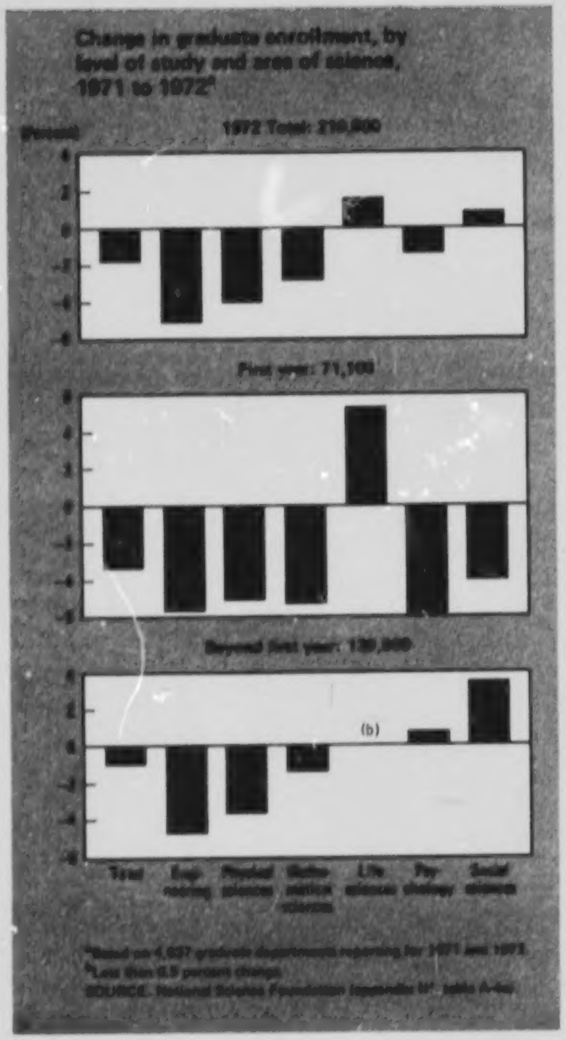
Section 1. TRENDS IN SUPPORT OF GRADUATE STUDENTS IN SCIENCE

GENERAL CHARACTERISTICS, 1971-72

For both 1971 and 1972, graduate departments supplied information which provided valuable short-term trend data on several key factors: Level of study, enrollment status, and Government and non-Government support of full-time graduate students.[1] In this set of responses, graduate science enrollment declined by almost 2 percent from 1971 to 1972, and by over 3 percent in the first-year graduate student component. In every area except the life sciences, first-year enrollment declined and at rates higher than their counterparts studying beyond their first year. The enrollment downturn in 1972 continues the trend that was noted in the previous report, although the rate of decline appears to be lessening.[2]

Departments at the doctorate level did not fare as well as master's departments in terms of relative changes in enrollment in particular fields. Doctorate departments enrolled 190,711 students in 1972, a decrease of slightly more than 2 percent over the 1971 total; master's departments enrolled 20,184 students, up almost 4 percent. Enrollment in doctorate departments increased slightly in only two areas, life and social sciences, both of which had relatively large increases in part-time enrollment; all other doctorate-level enrollment declined. In contrast, master's departments showed distinct gains in total graduate enrollment in all fields except engineering. This upward trend may signal a shift away from students' reliance on the Ph.D. for increased job opportunities in science and engineering.

The number of students attending full-time – 161,329 – decreased by 2 percent from the 1971 total; the decline occurred in four areas – engineering and the physical, mathematical, and social services. The remaining two areas – the life sciences and psychology – increased by only 1 percent each. Part-time enrollment accounted for 49,566 students in 1972, a decrease of nearly 1 percent which affected engineering, psychology, and the mathematical sciences.



Percent change in graduate enrollment, by area of science, enrollment status, and level of department, 1971 to 1972

Area of science and enrollment status	Total	Level of department: Master's	Level of department: Doctorate
Total	– 1.8	3.5	– 2.3
Full time	– 2.1	.7	– 2.3
Part time	– .7	7.4	– 2.3
Engineering	– 5.1	–2.1	– 5.4
Full time	– 4.4	–1.4	– 4.6
Part time	– 6.3	–2.6	– 7.0
Physical sciences	– 4.0	8.1	– 4.7
Full time	– 4.8	4.7	– 5.2
Part time	1.9	17.1	– .3
Mathematical sciences	– 2.8	7.6	– 4.2
Full time	– 3.8	6.9	– 4.7
Part time	– .1	8.2	– 2.7
Life sciences	1.7	7.9	1.2
Full time	.8	6.5	.4
Part time	7.8	11.6	7.1
Psychology	– 1.3	4.4	– 1.6
Full time	1.1	–4.0	1.4
Part time	–12.6	44.5	–16.4
Social sciences	.9	2.9	.6
Full time	– 1.1	–3.5	– .8
Part time	6.6	13.4	5.0

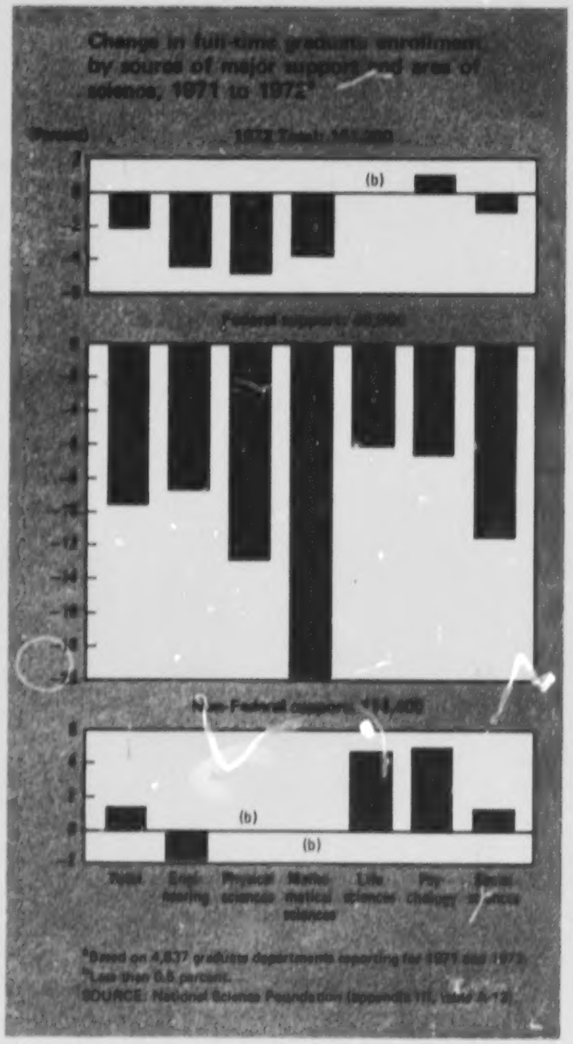
[1] See appendix IV, all tables E through G, for composites of the survey results for each area of science and level of department.
[2] See National Science Foundation, *Graduate Student Support and Manpower Resources in Graduate Science Education, Fall 1971* (NSF 73-304) (Washington, D.C. 20402: Supt. of Documents, U.S. Government Printing Office), 1973.

Support of Full-Time Graduate Students

Full-time students represented over three-fourths of the graduate student population in both 1971 and 1972. The 2-percent reduction in full-time enrollment was strongly affected by the 10-percent drop in numbers of students receiving Federal support. Every area of science was influenced by this dropoff. Those students receiving Federal support represented 29 percent of all full-time enrollment in 1972, down from 32 percent in 1971. In contrast, students receiving other-than-Federal support increased slightly, especially in the life and social sciences and psychology.

The survey provided data for the first time from 66 medical schools that granted the doctorate in science. The 658 doctorate-level departments in these schools reported 6,615 full-time graduate students in 1972, or 4 percent of the total, an increase of 10 percent over 1971 enrollment. First-year medical graduate students accounted for the bulk of the increase and represented a 26-percent gain over 1971. In contrast to the 10-percent overall reduction in full-time graduate students receiving Federal support, the number attending medical school under Federal auspices increased slightly — 1 percent from 1971 to 1972. Although non-Government-supported students increased by only 1 percent from 1971 to 1972, the students in this category who were enrolled in medical departments increased by 21 percent.

Note: See appendix III, all tables A through C, and appendix IV, all tables E through G, for further comparisons of 1971 and 1972 survey data.



CHARACTERISTICS OF MATCHED DEPARTMENTS, 1969-72

Data on types and sources of major support were available in greater detail from the 2,706 graduate departments reporting in each of the years 1969 through 1972, hereafter known as "matched departments." In this set of departments, it was possible to trace the effect of changes in patterns of financial support in departments with basically similar characteristics.

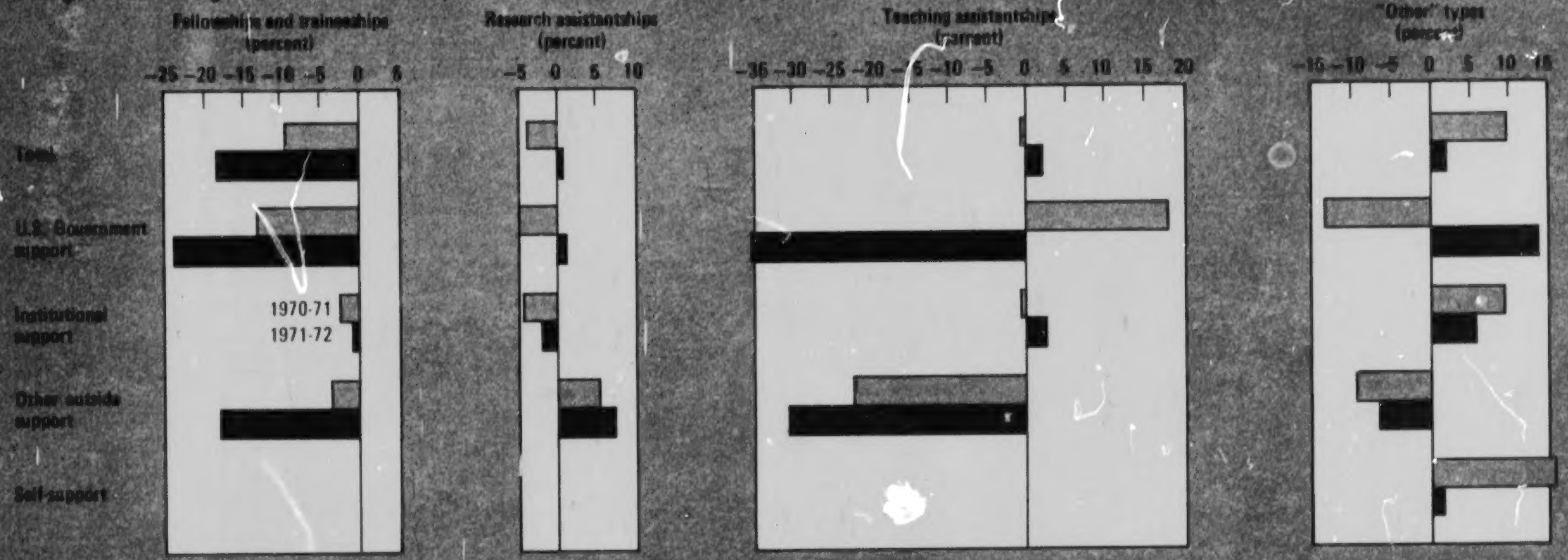
Types of Major Support

Curtailment of Federal support resulted in an 18-percent drop between 1971 and 1972 in numbers of students holding fellowships or traineeships in matched departments. However, the total number of research assistants increased slightly following declines in recent years, reflecting increases in expenditures from Federal and other sources for academic research and development as reported in NSF's Survey of Scientific Activities of Institutions of Higher Education.[3]

[3] See National Science Foundation, *Science Resources Studies Highlights*, "Academic R&D Expenditures Reached $3.3 Billion in 1972," August 13, 1973 (NSF 73-308) (Washington, D.C. 20550).

Full-time students holding fellowships or traineeships in 1972 represented 21 percent of the total number, down from 29 percent in 1969. Those holding research assistantships maintained a consistent 21-percent share during the [illegible]-year period, while teaching assistants increased their proportion only slightly. All other mechanisms of support, primarily self-support, accounted for an increasing portion of the total, from 25 percent in 1969 to 31 percent in 1972, reflecting the new awareness on the part of graduate students that the era of direct financial assistance is diminishing.

Change in full-time graduate enrollment, by source and type of major support, 1970-72[a]



[a] Based on 2,706 graduate departments reporting for each of the years 1969-72.
SOURCE: National Science Foundation (appendix III, table D-8).

Reduced enrollments were evident in every area of science in which fellowship or traineeship holders were enrolled. Reductions in other forms of assistance were also evident, but to a much lesser extent.

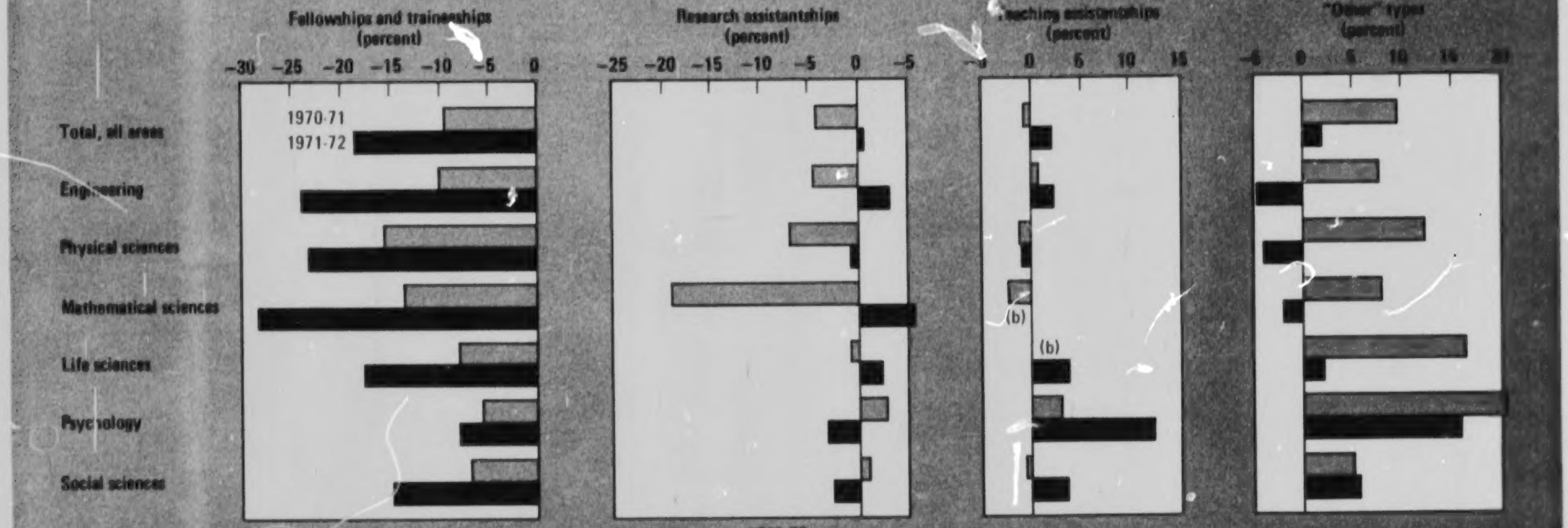
Public and private institutions were affected similarly in terms of decreased full-time enrollment. Both types of institutions experienced considerable erosion of fellowship-traineeship support. However, differences did surface in the effects on the remaining forms of support. Public institutions lost a number of research assistants while private institutions gained; the reverse was true of teaching assistants. The strongest upturn appeared in the number of students who attend private institutions and depended on "other" mechanisms, primarily self-support.

Percent change in full-time graduate enrollment in matched departments, by type of major support and control of institution, 1971 to 1972

Type of major support	Total	Control of institution: Public	Control of institution: Private
Total	–3.3	–3.3	–3.6
Fellowships and traineeships	–18.4	–19.0	–17.5
Research assistantships	.6	–.6	3.9
Teaching assistantships	2.1	3.4	–3.1
"Other" types	1.8	–1.2	11.3

Note: Based on 2,706 graduate departments reporting for each of the years 1969-72.

Change in full-time graduate enrollment, by area of science and type of major support, 1970-72[a]

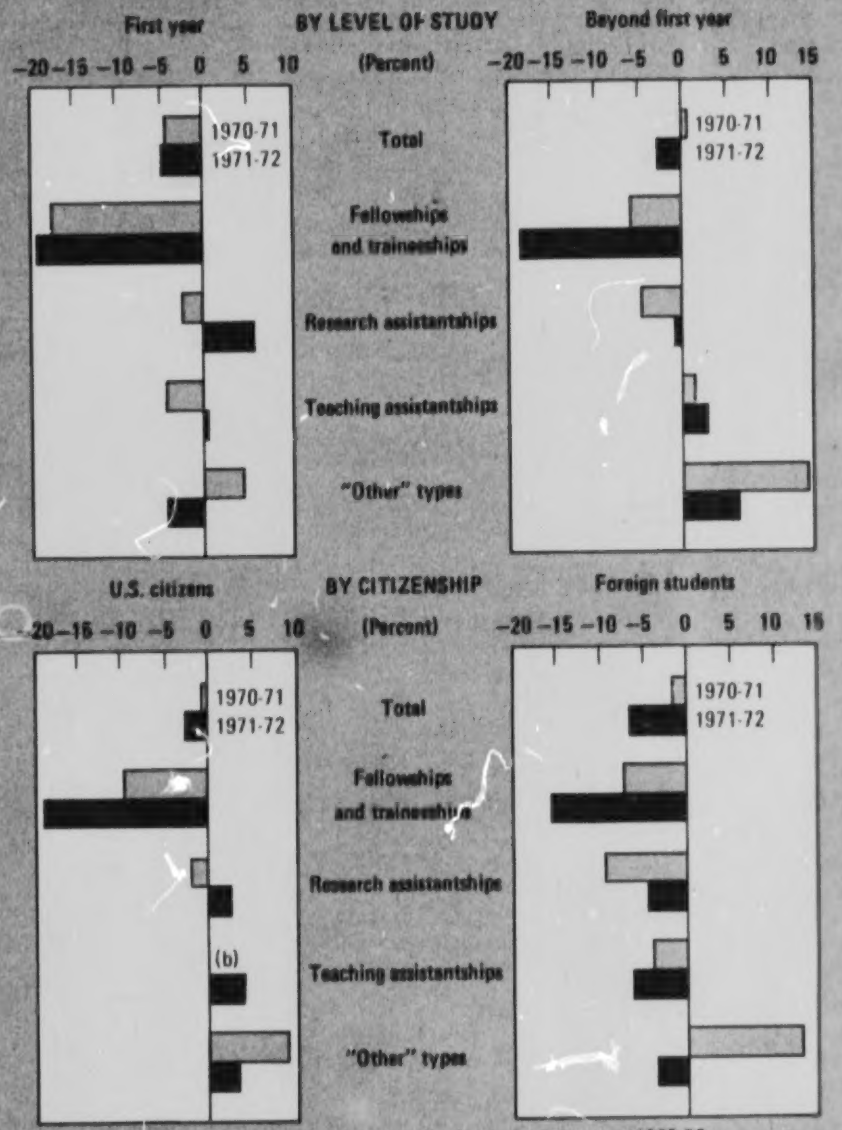


[a]Based on 2,706 graduate departments reporting for each of the years 1969-72.
[b]Less than 0.5 percent.
SOURCE: National Science Foundation (appendix III, table D-6a through D-6g).

BY LEVEL OF STUDY

The continued shrinkage of full-time graduate science enrollment was characterized by a dwindling number of first-year entrants in three successive years. Fellowship and traineeship holders in their first year of study dropped 19 percent from 1971 to 1972. However, first-year research assistants went up 6 percent, representing a reversal of the declining trend of previous years; teaching assistants followed the same pattern. Students dependent upon "other" mechanisms decreased in 1972 after an upswing in each of the prior years studied.

Change in full-time graduate enrollment, by type of major support, 1970-72[a]



[a]Based on 2,706 graduate departments reporting for each of the years 1969-72.
[b]Less than 0.5 percent.
SOURCE: National Science Foundation (appendix II, table D-9a).

BY CITIZENSHIP

The number of foreign students enrolled in graduate science institutions declined at twice the rate of U.S. citizens between 1971 and 1972. The growth rate of the entire foreign student population reached a standstill in 1971 for the first time in a quarter-century of growth.[4] The downturn in the graduate science component of foreign student enrollment comes at a time when international scientific and cultural exchange is becoming increasingly prominent in U.S. policy. All forms of support to the foreign student were in shorter supply in 1972 than in 1971, including "other" mechanisms, primarily self-support, which were relied upon extensively in prior years. In contrast, U.S. citizens received increased support in all mechanisms except fellowships and traineeships.

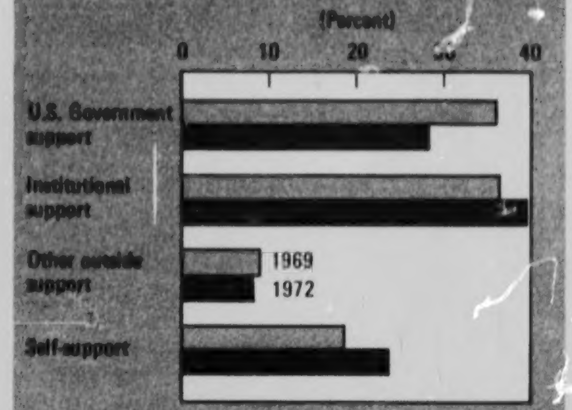
[4]See Institute of International Education, *Open Doors,* 1972, (New York: IIE Publications Division, 1973).

Sources of Major Support

The role played by the Federal Government over the last few years in the support of science education is characterized by a shift away from direct support of high-ability students to the encouragement of low- and middle-income students to apply for long-term low-interest loans. The matched departments supplying data for four consecutive years reported that the Government's share of support to full-time students dropped from 36 percent in 1969 to 28 percent in 1972. The proportions supported by both institutions and by the students themselves increased during this period to take up the slack.

Every area of science reported decreases in federally assisted students between 1971 and 1972, at rates ranging from 7 percent in psychology to 23 percent in mathematical sciences. In contrast, institutionally supported students decreased in only one area, engineering. The rate of increase in self-supported students — 1.5 percent — represents a decided slowdown from the growth rates of previous years, and the decreases shown in engineering and mathematical sciences are the first to appear in these areas in the entire series.

Sources of major support as percent of full-time enrollment, 1969 and 1972*



*Based on 2,706 graduate departments reporting for each of the years 1969-72.

SOURCE: National Science Foundation (appendix III, table D-8).

The curtailment of Federal support to graduate students affected both public and private institutions equally, while institutions under private control experienced an influx of self-supported students. The number of students receiving institutional support remained fairly steady in both types of institutions.

Percent change in full-time graduate enrollment in matched departments, by source of major support and control of institution, 1971 to 1972

Source of major support	Total	Control of institution	
		Public	Private
Total	– 3.3	– 3.3	– 3.6
U.S. Government	–11.2	–11.1	–11.3
Institutional support	1.7	2.2	.1
Other outside support	– 9.8	– 5.2	–17.2
Self-support	1.5	– 2.5	14.8

Note: Based on 2,706 graduate departments reporting for each of the years 1969-72.

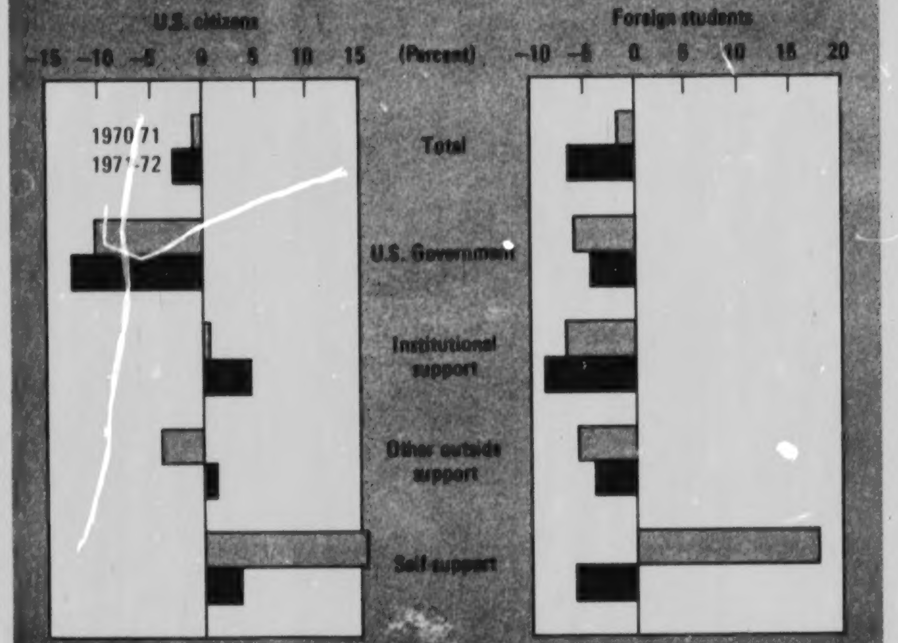
Percent change in full-time graduate enrollment in matched departments, by source of major support and area of science, 1971 to 1972

Source of major support	Total	Engineering	Physical sciences	Mathematical sciences	Life sciences	Psychology	Social sciences
Total	- 3.3	- 5.8	- 5.4	- 5.3	- 3.0	3.9	- 1.4
U.S. Government	-11.2	- 7.7	-12.9	-23.1	-11.8	-7.2	-12.1
Institutional support	1.7	- 1.9	1.6	.5	5.2	5.6	.6
Other outside support	- 9.8	-11.0	-19.1	-17.1	-12.1	18.9	- 5.3
Self-support	1.5	- 4.4	.4	- 1.0	.2	15.4	3.3

Note: Based on 2,706 graduate departments reporting for each of the years 1969-72.

The decline in Federal support from 1971 to 1972 affected U.S. citizen graduate students more than it did foreign graduate students. However, U.S. citizens received increasing support from all other non-Government sources, while foreign students' support waned from all sources.

Change in full-time graduate enrollment, by source of major support and citizenship, 1970-72[a]



[a]Based on 2,708 graduate departments reporting for each of the years 1969-72.
SOURCE: National Science Foundation (appendix III, table D-7a).

Type of Institution

In order to measure the rate of entrance into specific types of graduate schools, institutions were classified into four major categories: (1) The "first 20," referring to those institutions which were selected by the most number of applicants for NSF fellowships during the period 1968 through 1972; (2) the "developing" institutions, referring to the 86 that first granted science Ph.D.'s in academic year 1960-61; (3) the 66 medical schools granting the doctorate; and (4) the 130 institutions remaining in the total, classified as "intermediate." For each of these categories, full-time enrollment data were presented for each area of science by level of study (first-year and beyond); also shown are sources of major support by control of the institution. Because data from medical schools represented such a small fraction of the total in matched departments – less than one-half of 1 percent – analysis has been confined to the other three categories.

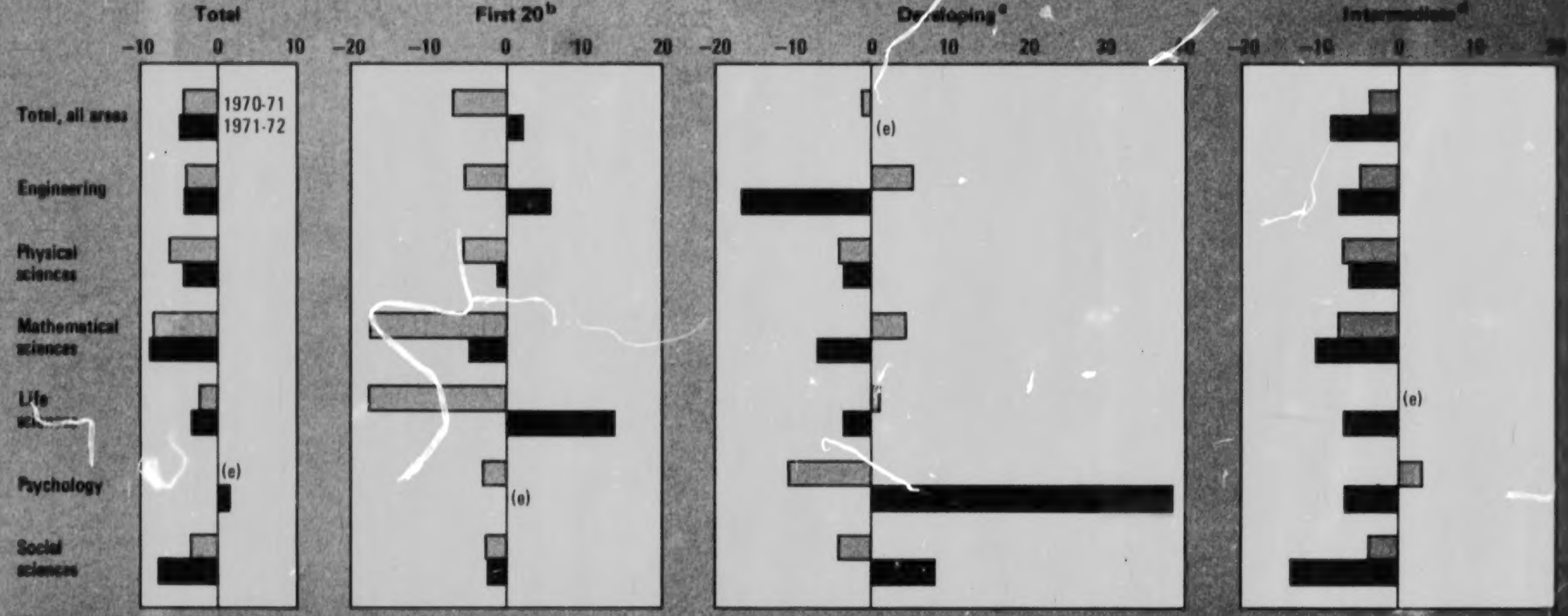
Although full-time enrollment in the "first 20" institutions dropped in each of the years studied, for a 3-year decline of 7 percent, the rate of decline slowed from 1971 to 1972. The number of first-year students in these institutions actually rose by 2 percent from 1971 to 1972, the first such turnaround since the data series began.

In "developing" institutions, full-time enrollment increased 17 percent from 1969 to 1972, in contrast with the decline in the "first 20" schools. However, first-year entrants in developing institutions showed an overall growth rate of only 2 percent since 1969, reaching a standstill in 1972. This slow rate of growth in first-year enrollment contrasts with the assumption often made in prior years that these schools were attracting the most qualified students away from more prestigious universities. The data actually indicate that in all but two areas of science, first-year enrollment is actually declining.

Full-time enrollment in "intermediate," or all the remaining institutions, fell 5 percent during 1969-72, and first-year enrollment by 12 percent, an indication that the less prestigious institutions are being affected more now than in prior years. In every area of science, first-year enrollees in these institutions were reduced.

Changes in patterns of financial support in both public and private institutions were traced by using this same classification scheme. The number of federally supported students in the "first 20" group went down from 1971 to 1972 in both public and private institutions, but the dropoff in developing and intermediate institutions was even more severe. Public institutions in all three categories increased the number of students they supported, while only private developing institutions increased their support. The number of self-supported students declined in public institutions but increased markedly in those under private control.

Change in first-year full-time graduate enrollment, by area of science and type of institution, 1970-72[a]



[a] Based on 2,706 graduate departments reporting for each of the years 1969-72.
[b] Institutions chosen most frequently by NSF Fellows, 1968-72.
[c] Institutions granting science Ph.D.s beginning in 1960-61.
[d] Remaining institutions, with the exception of medical schools.
[e] Less than 0.5 percent change.
SOURCE: National Science Foundation (appendix III, table C-6).

Percent change in full-time graduate enrollment in matched departments, by type of institution, source of major support, and control of institution, 1971 to 1972

Source of major support	Total	Control of institution: Public	Control of institution: Private
Total	−3.3	−3.3	−3.6
First 20	−1.0	−.9	−1.0
Developing	3.0	.5	14.8
Intermediate	−5.5	−4.6	−8.5
U.S. Government	−11.2	−11.1	−11.3
First 20	−6.6	−5.1	−7.8
Developing	−15.2	−10.8	−30.6
Intermediate	−13.3	−13.3	−13.3
Institutional support	1.7	2.2	.1
First 20	3.8	7.6	−.6
Developing	5.6	5.6	5.5
Intermediate	.2	.3	−.5
Other outside support	−9.8	−5.2	−17.2
First 20	−11.6	−10.6	−12.5
Developing	−4.8	−.5	−22.8
Intermediate	−9.2	−4.1	−21.[illegible]
Self-support	1.5	−2.5	14.8
First 20	9.1	−1.3	32.5
Developing	12.7	−.9	72.7
Intermediate	−3.9	−3.3	−6.4

Note: Based on 2,706 graduate departments reporting for each of the years 1969-72.

Note: See appendix III, tables D-1 through D-10, for further trend information on matched departments.

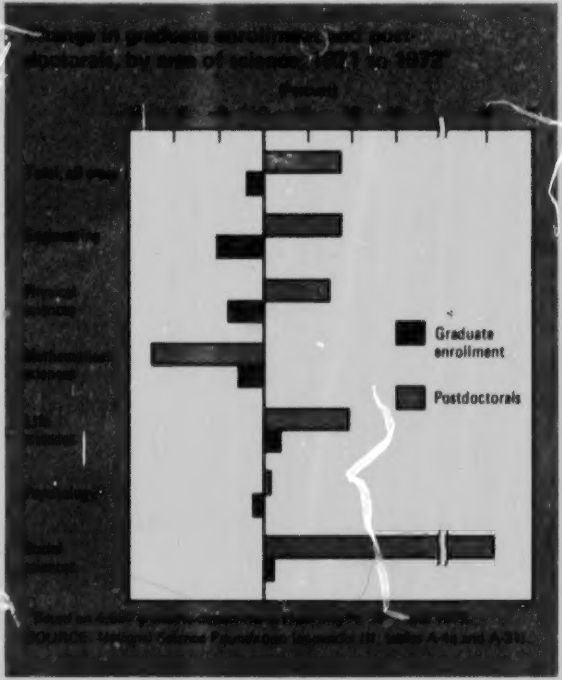
Section 2. TRENDS IN POSTDOCTORAL APPOINTMENTS[5]

1971-72

While graduate science enrollment waned from 1971 to 1972, the number of postdoctoral appointees rose 9 percent, possibly indicating an increasing dependence upon such personnel for the continued maintenance of high-quality research and teaching capabilities at the graduate level.

The number of postdoctorals reported in the 826 master's-level departments amounted to only 1 percent of the total in both 1971 and 1972 and were therefore combined with postdoctorals in the 3,811 doctorate-level departments for analysis. Postdoctorals increased in every area of science except the mathematical sciences, but this field attracted less than 2 percent of all postdoctorals in 1972. Postdoctorals in medical school departments increased 10 percent from 1971 to 1972, in contrast with the 7-percent rise in other doctorate departments.

[5]The number of postdoctorals reported may be understated, particularly in the basic and clinical medical sciences. The directory of the Association of American Medical Colleges lists approximately 2,400 such departments in medical schools, whereas the National Research Council provided NSF with a list of 1,071 medical departments to be surveyed.



MATCHED DEPARTMENTS, 1969-72

Examination of the data reported by matched departments for the 1969-72 period revealed that the number of postdoctorals in public institutions, amounting to 58 percent of the total, rose 16 percent from 1971 to 1972, and increased 24 percent during the entire 3-year period. Strong increases were apparent in all but the mathematical sciences and psychology. Private institutions also increased their postdoctoral appointments, but by only 6 percent for the 3-year period and by only 2 percent from 1971 to 1972. Evidently, the financial squeeze felt by private universities in recent years has slowed the expansion of postdoctoral participation in research and teaching. Public institutions retained relatively larger numbers of postdoctorals during a period of shrinking job markets for Ph.D.'s in industry, higher education, and government.

Percent change in the number of postdoctorals in matched departments, by area of science and control of institution, 1971 to 1972

Area of Science	Total	Control of institution	
		Public	Private
Total	9.7	15.6	2.5
Engineering	17.6	34.1	5.8
Physical sciences	6.2	9.0	2.5
Mathematical sciences	−2.2	−5.7	(a)
Life sciences	12.1	20.0	1.6
Psychology	−8.2	−5.9	−10.4
Social sciences	42.7	65.1	15.7

[a]No change

Note: Based on 2,706 graduate departments reporting for each of the years 1969-72.

Type and Control of Institution

Postdoctorals assigned to departments in the "first 20" institutions accounted for 40 percent of all postdoctorals in matched departments in 1972, down from 43 percent in 1971. "Intermediate" institutions accounted for 52 percent in 1972, up from 49 percent in 1971. "Developing" institutions retained only 6 percent of the postdoctorals in both years and medical schools the remainder. The number of postdoctorals in the "first 20" increased by over 7 percent from 1971 to 1972 in public institutions but only 1 percent in private institutions. "Intermediate" public institutions surpassed all other types in the growth rate of postdoctorals assigned to graduate departments.

Percent change in the number of postdoctorals in matched departments, by type and control of institution, 1971 to 1972

Type of institution	Total	Control of institution	
		Public	Private
Total	9.7	15.6	2.5
First 20	3.5	7.5	1.5
Developing	6.0	3.9	13.5
Intermediate	15.8	21.3	2.9

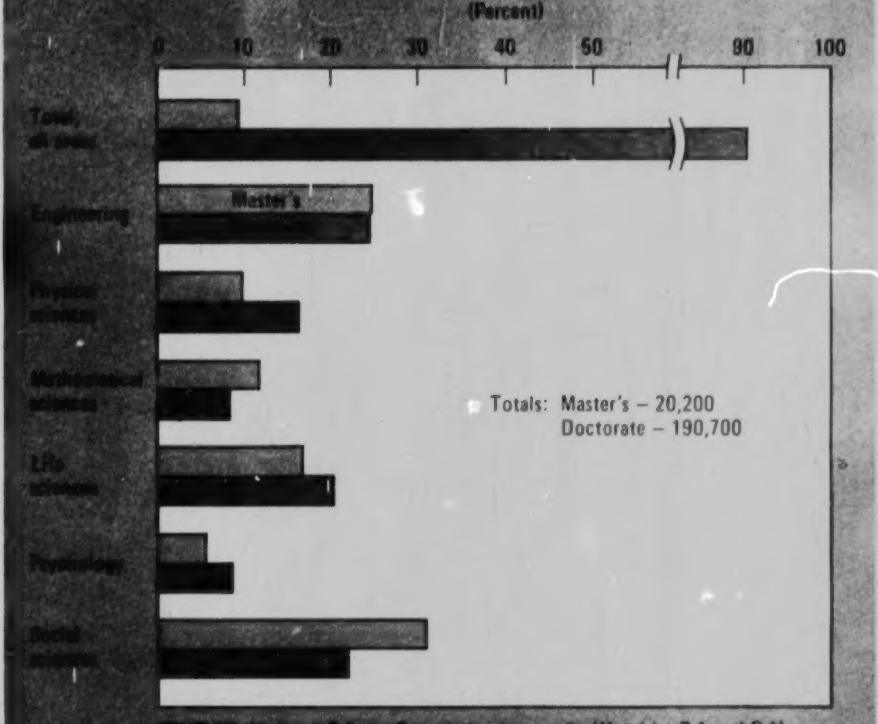
Note: Based on 2,706 graduate departments reporting for each of the years 1969-72.

Note: See appendix III, tables A-21, B-21, C-21, and D-10, and appendix IV, all tables E through G, for further data on postdoctorals.

Section 3. FALL 1972 CHARACTERISTICS

The first two sections of this report presented trend information on both graduate science students and postdoctoral appointees. Section 3 examines in more detail their general characteristics as they related to fall 1972.

Graduate enrollment, by area of science and level of department, 1972



SOURCE: National Science Foundation (appendix III, tables B-1 and C-1).

GRADUATE ENROLLMENT

The 4,637 graduate departments in 302 doctorate institutions enrolled 210,895 science students in the fall of 1972, 76 percent of whom attended on a full-time basis. A comparison of master's with doctorate departments revealed that master's departments enrolled a considerably higher proportion of part-time students than did doctorate departments, and they enrolled a higher percentage of first-year students. However, when students were distributed by area of science, only the physical and social sciences showed differences of more than a few percentages.

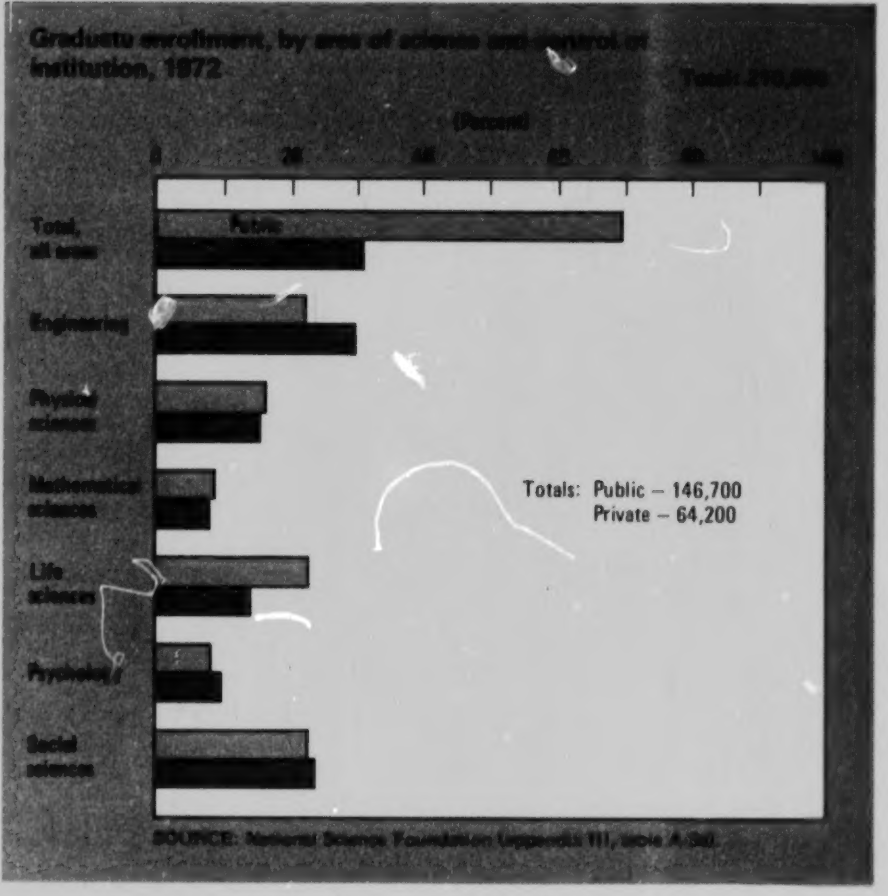
Characteristics of graduate enrollment, by level of department, 1972

Item	Total		Level of department			
	Number	Percent distribution	Master's	Percent distribution	Doctorate	Percent distribution
Total	210,895	100.0	20,184	100.0	190,711	100.0
Enrollment status:						
Full time	161,329	76.5	11,392	56.4	149,937	78.6
Part time	49,566	23.5	8,792	43.6	40,774	21.4
Level of study:						
First year	71,137	33.7	10,945	54.2	60,192	31.6
Beyond first year	139,758	66.3	9,239	45.8	130,519	68.4
Control of institution:						
Public	146,663	69.5	15,322	75.9	131,341	68.9
Private	64,232	30.5	4,862	24.1	59,370	31.1

Publicly controlled institutions enrolled 70 percent of all graduate students. A higher proportion of full-time students attended public institutions than private institutions, but there was little difference between the two types in terms of level of study. A slightly higher percentage of students was registered in private doctorate departments than in public. Private institutions enrolled a higher proportion of students in engineering, psychology, and the social sciences than did public institutions; public institutions attracted a larger percentage of life sciences students.

Characteristics of graduate enrollment, by control of institution, 1972

Item	Total		Control of institution			
	Number	Percent distribution	Public	Percent distribution	Private	Percent distribution
Total	210,895	100.0	146,663	100.0	64,232	100.0
Enrollment status:						
Full time	161,329	76.5	116,859	79.7	44,470	69.2
Part time	49,566	23.5	29,804	20.3	19,762	30.8
Level of study:						
First year	71,137	33.7	50,258	34.3	20,879	32.5
Beyond first year . . .	139,758	66.3	96,405	65.7	43,353	67.5
Level of department:						
Master's	20,184	9.6	15,322	10.4	4,862	7.6
Doctorate	190,711	90.4	131,341	89.6	59,370	92.4



Support of Full-Time Graduate Students

A typical full-time graduate student enrolled in a science or engineering institution in 1972 was a male U.S. citizen enrolled in a doctorate-level program in a public institution, was studying beyond his first year, and was primarily dependent upon himself or his family for support.

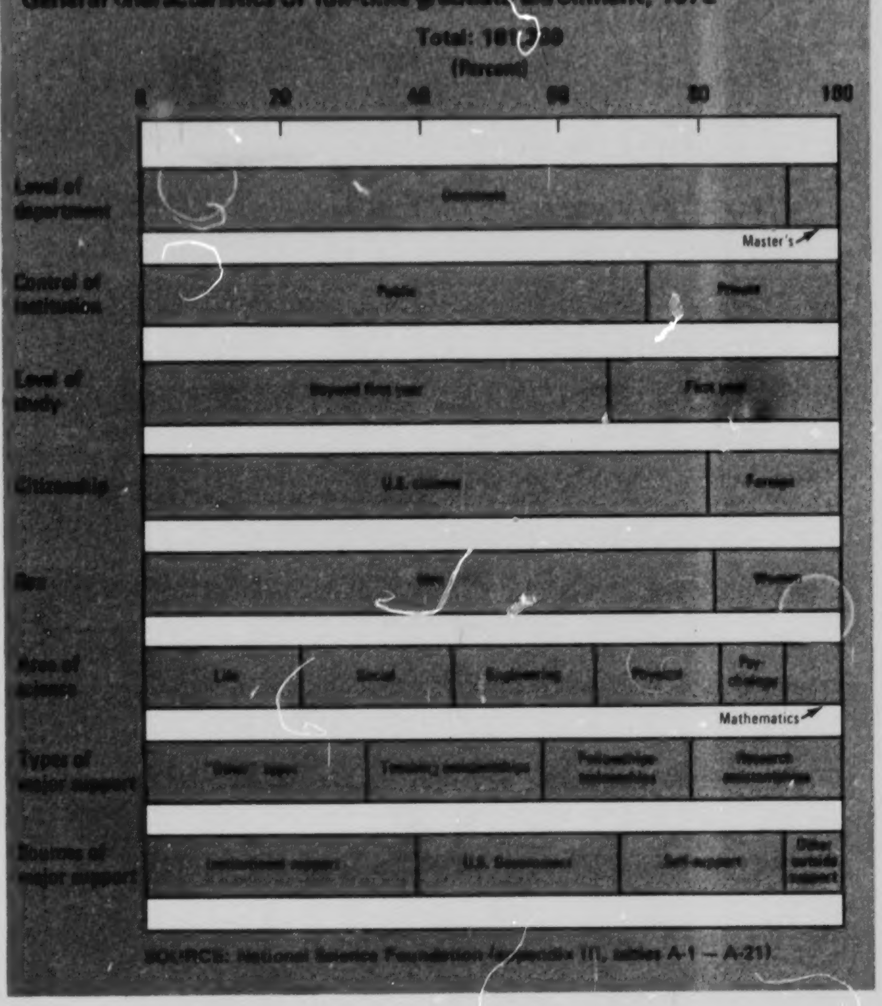
TYPES OF MAJOR SUPPORT

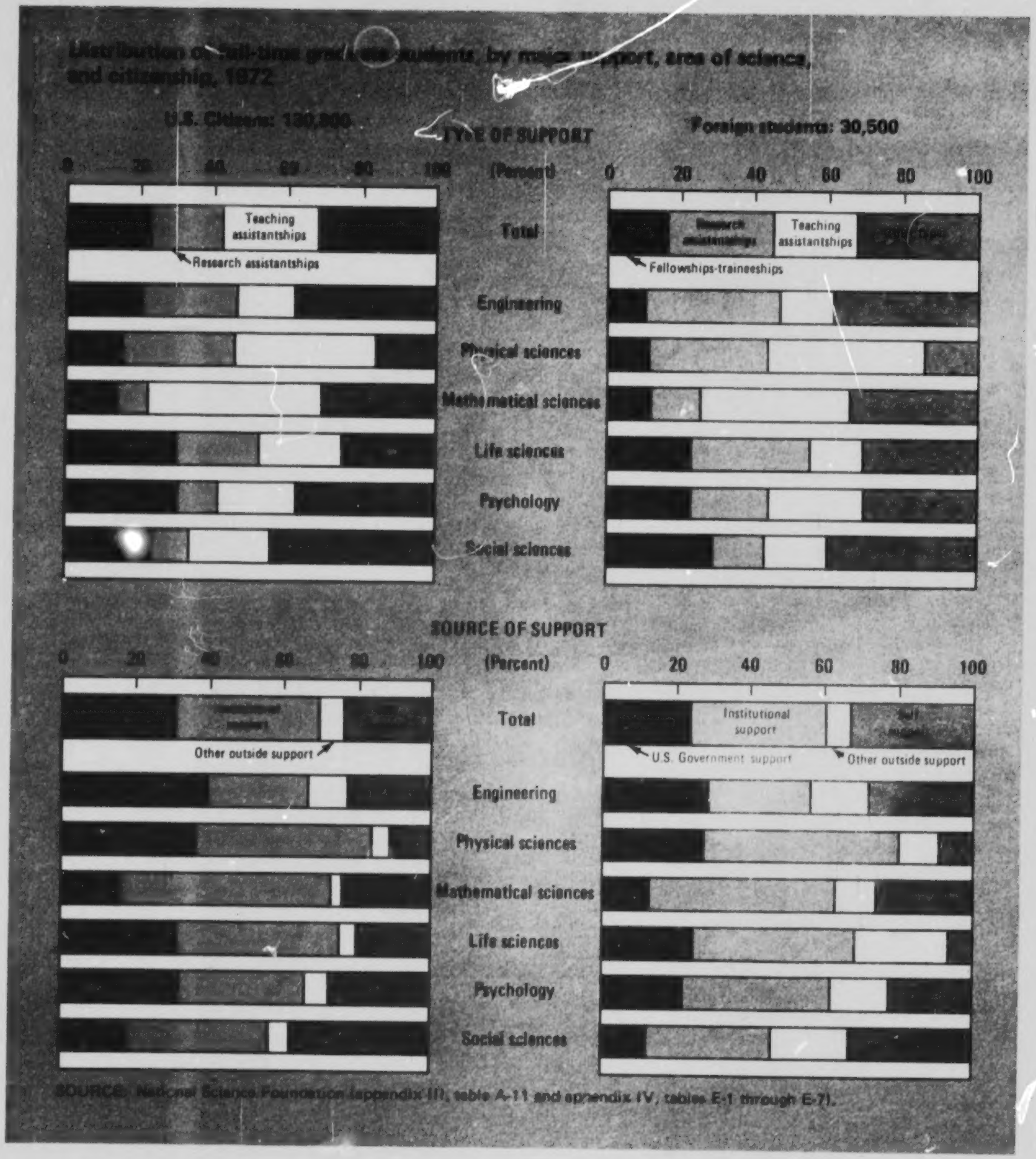
In 1972 more full-time students — 32 percent — depended upon "other" mechanisms, primarily their own resources, than on any other type of support. Fellows-trainees and research assistants represented about 21 percent each and teaching assistants, 25 percent, of all full-time graduate students. These proportions changed somewhat when institutions were analyzed according to type of control. In private institutions, the largest number of students held fellowships and traineeships, with "other" mechanisms, primarily self-support, ranking second. In publicly controlled graduate schools "other" support mechanisms predominated while fellowships and traineeships were held by the least number of students.

Percent distribution of full-time graduate students, by type of major support and control of institution, 1972

Type of major support	Control of institution	
	Public	Private
Total	100	100
Fellowships-traineeships	17	34
Research assistantships	22	19
Teaching assistantships	28	17
Other types of support	33	31

General characteristics of full-time graduate enrollment, 1972





Because some agencies and institutions restrict the number of foreign students eligible for fellowships-traineeships, this form of support was utilized by only 16 percent of the foreign students, in contrast with the 23-percent share utilized by U.S. citizens. Both U.S. and foreign students depended heavily upon their own resources in 1972 to attain a graduate education, especially in engineering, psychology, and the social sciences. In the physical and mathematical sciences, both U.S. and foreign students relied primarily on teaching assistantships.

In master's departments, 46 percent of the full-time students relied upon "other" mechanisms, primarily self-support; the proportion was much lower in doctorate departments – 31 percent. Fellowships-traineeships were utilized by only 11 percent of students in master's-level departments, but by 22 percent in doctorate-level departments.

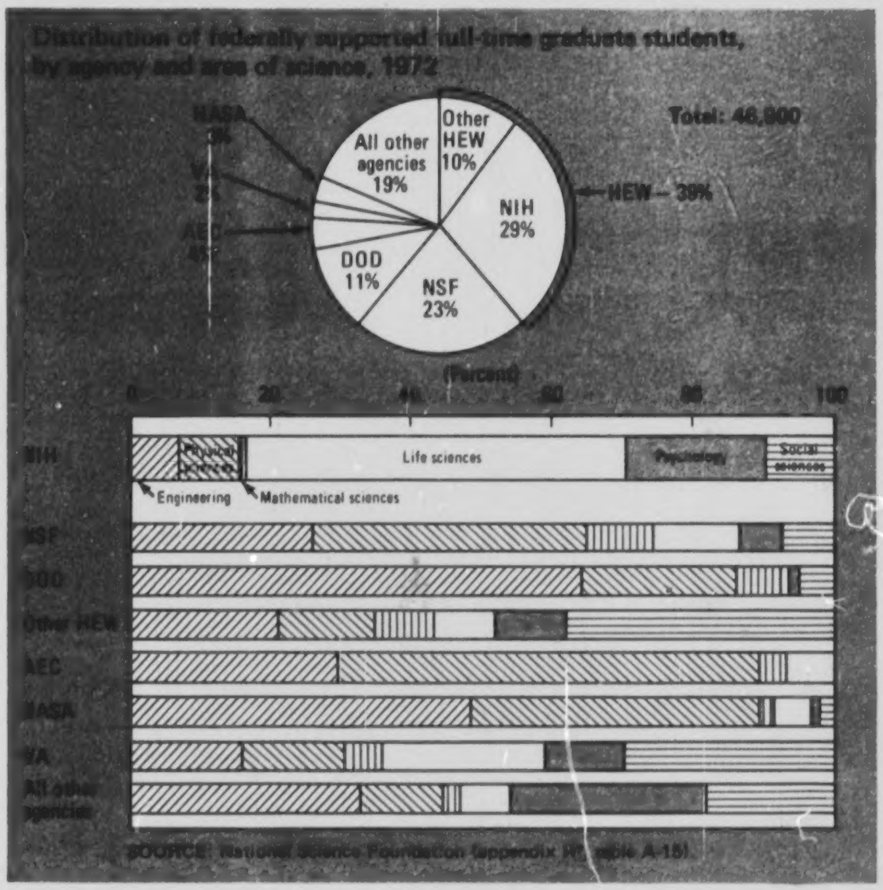
SOURCES OF MAJOR SUPPORT

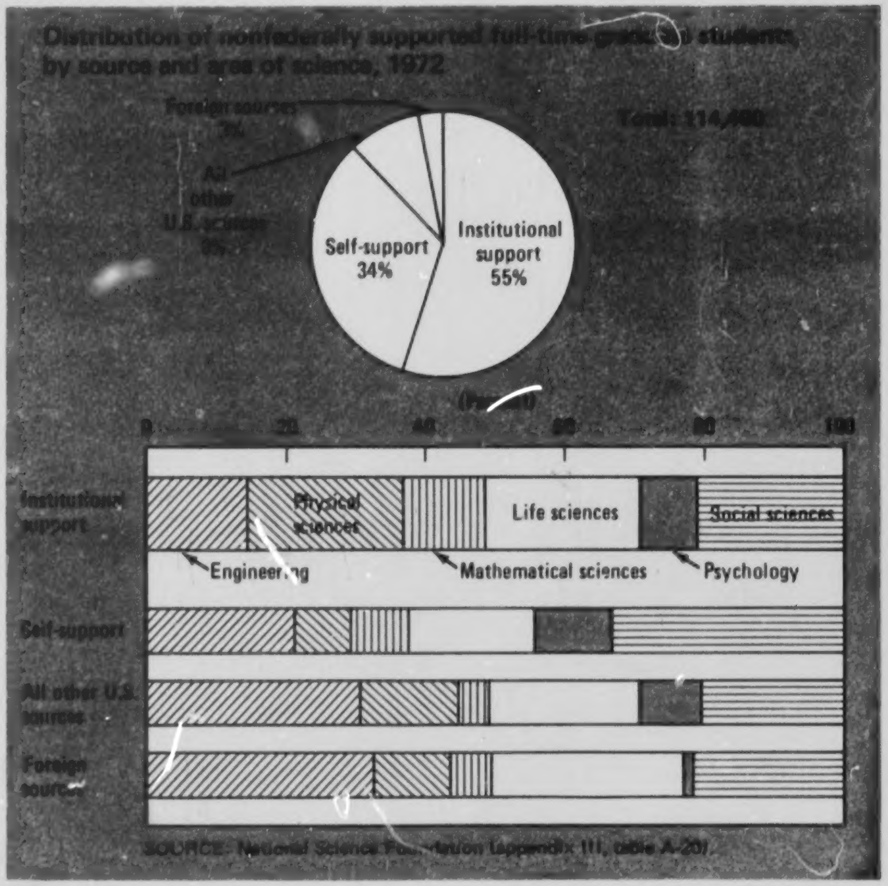
Major outside support of full-time graduate science students came from the institutions themselves, including State and local government support, with the Federal Government ranking next.

Both U.S. citizens and foreign students received their primary support from their own institutions. This was evident in every area of science except engineering, where the highest proportion of U.S. citizens received support from the Federal Government and foreign students were primarily self-supporting.

As in past years, two Federal agencies played dominant roles in the support of graduate science students: the National Institutes of Health (NIH) and the National Science Foundation (NSF). Together they supported over one-half of all students receiving Federal support. As expected, NIH support was concentrated in the life sciences; NSF and the Atomic Energy Commission (AEC) support was concentrated in the physical sciences. The other so-called "mission-oriented" agencies such as the Department of Defense (DOD) and the National Aeronautics and Space Administration (NASA) concentrated their awards in engineering. The Veterans Administration (VA) was the only agency to support the largest percentage of its students in the social sciences.

Students receiving their support from outside the Federal Government in 1972 constituted 71 percent of all full-time students. Institutions, State, and local governments awarded support to over one-half of this number; self-support accounted for over one-third. Institutional support was fairly evenly distributed among the physical, life, and social sciences, while self-supported students chose the social sciences most frequently. Students receiving support from foreign sources represented less than 3 percent of students receiving other-than-Federal support, and the largest proportion of these — 32 percent — were studying engineering.





Medical Schools

With the expansion of the data base in 1972 to include *all* graduate science departments, information became available for the first time on support of graduate students working toward their Ph.D. in medical fields. As shown in the table, a higher percentage of medical graduate students received Government support than did other graduate students; conversely, a lower proportion of medical graduate students were self-supporting. Also, over one-half of the students in medical departments received fellowships or traineeships, while only one-fifth of the remaining students did so. Women constituted a higher share of medical department enrollment – 29 percent – than they did in the remaining departments – 17 percent.

Note: See appendix IV, table G-8, for further data on medical school departments.

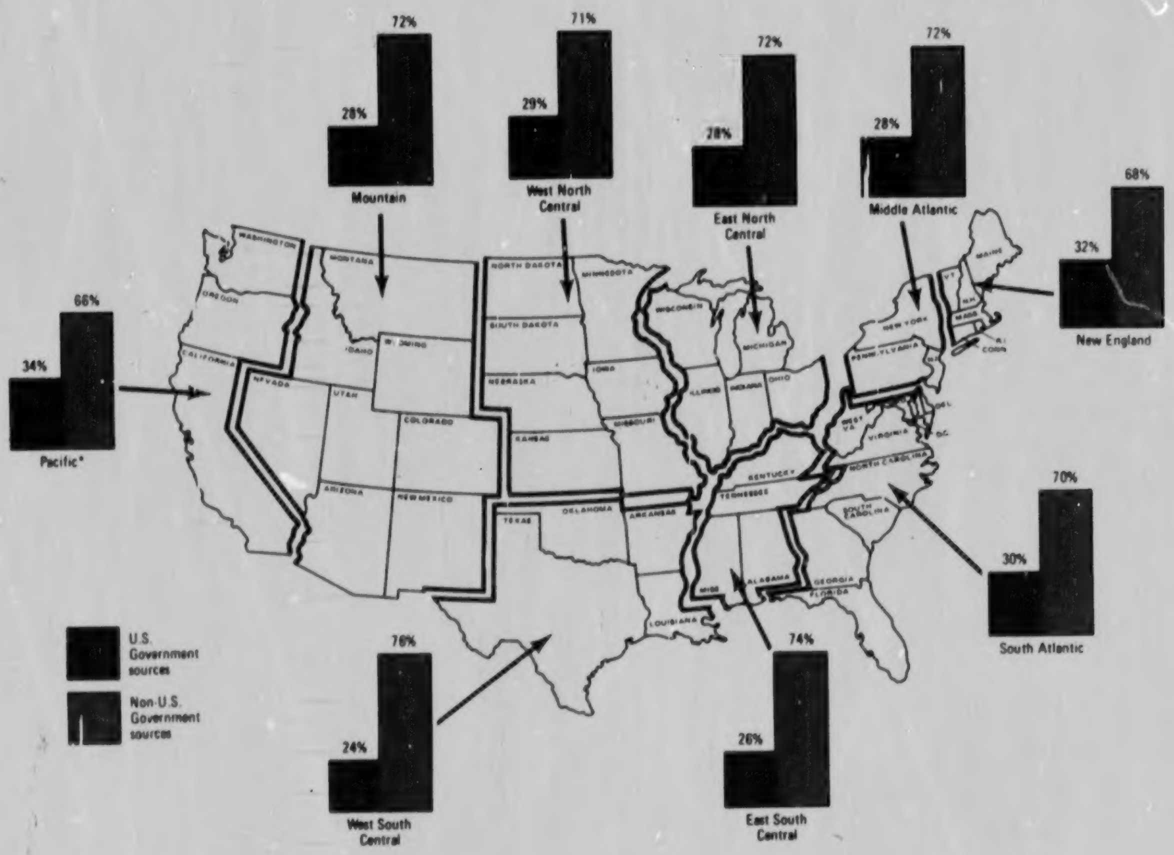
Percent distribution of full-time graduate students in medical departments as compared with all other doctorate departments, 1972

Type and source of support	Medical departments	All other doctorate departments
Full-time graduate students	100	100
By type:		
Fellowships-traineeships	51	21
Research assistantships	13	22
Teaching assistantships	12	26
Other types of support	24	31
By source:		
U.S. Government support	51	29
Institutional support	23	39
Other outside support	8	8
Self-support	17	23
By sex:		
Men	71	83
Women	29	17

Geographic Distribution

The East North Central division enrolled the highest percentages of full-time students in the United States; the East South Central, the lowest. The accompanying map shows the distribution of these students in terms of their major source of support. Primarily because of the large number of students in California, the Pacific States enrolled the highest percentage of federally supported students; the West South Central enrolled the lowest.

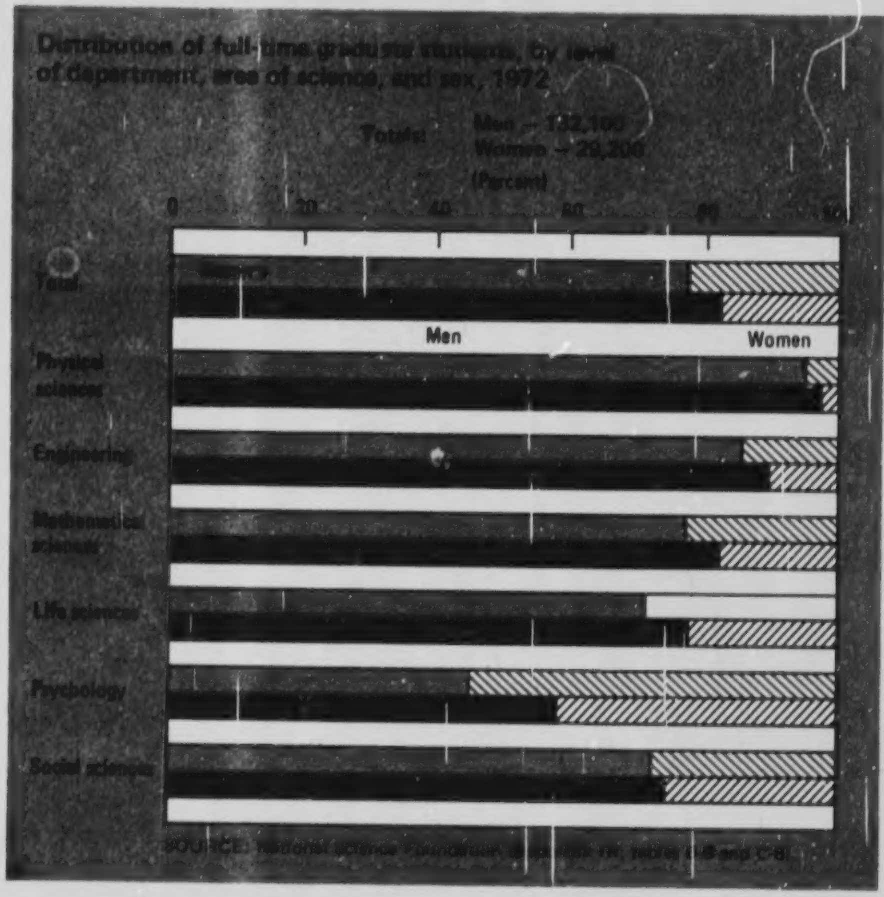
Geographic distribution of full-time graduate students, by source of major support, 1972



*Includes Hawaii and Alaska.
SOURCE: National Science Foundation (appendix III, table A-5).

Sex of Graduate Students

Respondents to the 1972 survey were asked for the first time to provide comparative statistics showing the number of men and women graduate students, their level of study, and the sources of their major support. Data obtained from the survey indicated that women graduate students represented 18 percent of the total number in 1972 and that a higher proportion of women were enrolled in master's departments than in doctorate departments. Women enrolled in master's departments represented a higher proportion in every area of science than women in doctorate departments.



The highest concentration of men graduate students entering for the first time in 1972 was in engineering; the highest for first-year women was in the social sciences, with the life sciences next. The male students beyond their first year were distributed fairly evenly among engineering and the physical, life, and social sciences, while advanced female students tended to remain in the life and social sciences.

Percent distribution of full-time graduate students, by sex, level of study, and area of science, 1972

Sex of student and level of study	Total	Engineering	Physical sciences	Mathematical sciences	Life sciences	Psychology	Social sciences
Total	100.0	20.4	17.9	3.0	22.6	9.4	21.6
Men	100.0	24.2	19.5	8.0	21.3	7.4	19.6
First year	100.0	30.4	15.4	7.9	19.6	6.3	20.4
Beyond first year ...	100.0	21.3	21.5	8.1	22.1	7.9	19.2
Women	100.0	3.1	10.8	8.2	28.7	18.5	30.8
First year	100.0	3.9	10.1	9.5	28.4	16.5	31.6
Beyond first year ..	100.0	2.6	11.2	7.4	29.0	19.6	30.3

Women tended to be more self-supporting than men, while men received a higher share of Federal support than did women.

Percent distribution of full-time graduate students, by source of major support and sex, 1972

Source of major support	Men	Women
Total	100	100
U.S. Government	30	26
Institutional support	39	39
Other outside support	9	6
Self-support	23	28

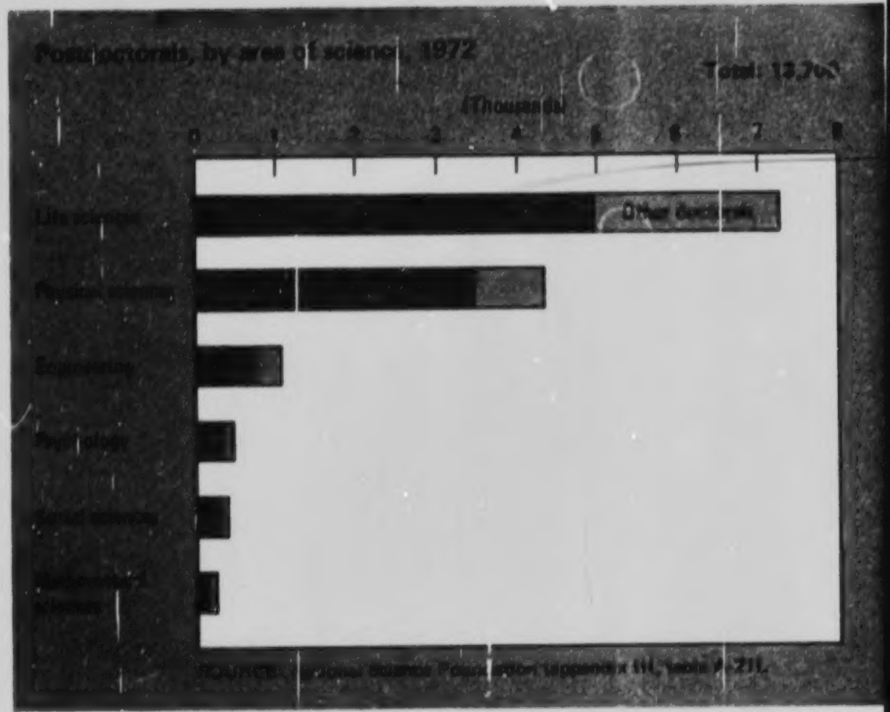
Note: See appendix III, all tables A through C, and appendix IV, all tables E through G, for further data on graduate students in 1972.

POSTDOCTORALS

Increasingly, graduate departments are depending upon doctorate-holders to perform research, lecture, conduct seminars, and supervise the work of graduate students without the formality of faculty status. Such appointments tend to strengthen the departments' ability to maintain high-quality research and teaching programs while at the same time offer the appointee an opportunity to do further research and gain experience in his field of specialization. With the shrinking of the job market in industry, government, and higher education for doctorate-holders, these appointments are becoming increasingly sought after by graduates.

Because the survey reported on here was directed to all graduate science departments, rather than just those applying for NSF traineeships, the data for 1972 show a much higher proportion of both students and postdoctorals in the life sciences than was indicated in earlier studies.[6] Over one-half of the 13,743 postdoctorals in 1972 were reported in the life sciences, with the physical sciences representing another one-third. The number of recent doctorals, those acquiring their Ph.D. after 1968, represented 72 percent of the total; their share ranged from 53 percent in the mathematical sciences to 80 percent in the physical sciences.

Of all the postdoctorals reported in 1972, only 186 were assigned to master's departments, or slightly more than 1 percent of the total; over two-thirds of these were in the life sciences. In doctorate departments, just over one-half of the postdoctorals were in the life sciences, paralleling closely the degree of concentration of research expenditures in the life sciences in 1972, as reported from preliminary results of the NSF Survey of Scientific Activities of Institutions of Higher Education.[7]



---

[6] As stated earlier, the number of postdoctorals in the basic and clinical medical sciences may be underreported according to the directory of the Association of American Medical Colleges.

[7] National Science Foundation, *Science Resources Studies Highlights, op. cit.*, p. 4.

Note: See appendix III, tables A-2', B-21, C-21, and D-10, and appendix IV, all tables E through G, for further data on postdoctorals.

APPENDIXES

I. Technical Notes

II. Classification of Institutions in Survey of Graduate Science Student Support, 1972

III. Statistical Tables

IV. Instructions and Consolidated Departmental Data Sheets

APPENDIX I

Technical Notes

Table		Page
A	Number of matched departments, 1969-72, compared with number of departments reporting for 1972, by area and field of science	23
B	Graduate enrollment in 302 doctorate-granting institutions, compared with 1971 enrollment for advanced degrees, by area of science and department degree level	24
C	Number of graduate departments in the 302 doctorate-granting institutions covered in the study, by area and field of science, 1972	24

When the Graduate Traineeship Program of the National Science Foundation was phased out beginning in fiscal year 1971, a valuable source of statistics was no longer available regarding the types and sources of support of graduate science students. The Division of Science Resources Studies determined that the demand for such data was such that a survey was warranted which would provide continuity with the previous data base and would expand the coverage to all graduate science departments. Consequently, forms were designed which resembled those previously required as applications for traineeships in order to insure that there was no additional response burden. Also, the totals were expanded to include a breakdown for men and women graduate students to satisfy the intense interest in such data expressed by the scientific manpower community.

Because of the high degree of interest expressed in such information by institutions of higher education during this critical period in the advancement of science education, a 100-percent response rate was achieved. The 302 graduate and medical school deans of doctorate-granting institutions returned 4,637 Departmental Data Sheets representing 826 master's and 3,811 doctorate science departments in their institutions. (See appendix II for listing of institutions.)

Mailout was completed on October 17, 1972, and the survey data were tabulated early in May 1973. The new survey form for 1972 asked for several data elements for 1971 so that short-term trend statistics in certain broad categories could be analyzed, such as: Level of study, enrollment status, Government vs. non-Government support, and number of postdoctorals. (See appendix IV for consolidated Departmental Data Sheets.)

In addition, the 1972 data were machine-matched with identical data supplied by the same departments on their applications for NSF traineeships for 1969, 1970, and 1971. This process allowed for analysis in finer detail over a 3-year period of the characteristics of 2,706 basically similar departments. (See appendix III, tables D-1 through D-10.) The matched departments supplying data for 4 successive years represented 58 percent of the number of departments supplying data for 1972 (table A). The coverage ranged from a high of 77 percent in the physical sciences to a low of 42 percent in the life sciences. This relatively low coverage is due to the fact that most of the students studying in the life sciences applied to NIH and other health-oriented agencies rather than to NSF, which traditionally supported the physical sciences and engineering. In future surveys, this percentage will increase considerably, as the analysis will no longer be limited to traineeship applicants.

From 1966 to 1970, the number of institutions applying for NSF traineeships increased steadily. By 1971, with news of discontinuance of traineeships, the number dropped, as shown below:

Year	Number of institutions	Number of departments: Total	Master's	Doctorate
1966. . .	204	2,866	441	2,425
1967. . .	[illegible]	3,016	436	2,580
1968. . .	[illegible]	3,190	454	2,736
1969. . .	224	3,354	460	2,894
1970. . .	227	3,544	473	3,071
1971. . .	[illegible]	3,397	407	2,990
1972. . .	302	4,637	826	3,811

In 1972 the survey was expanded to include all graduate science departments, and the data base now represents 87 percent of all science and engineering enrollment for advanced degrees according to 1971 enrollment statistics supplied by the Office of Education (OE) table B. Coverage of enrollment by field varied from a low of 64 percent in the mathematical sciences to over 100 percent in the social sciences, where definitional differences in the taxonomy may have occurred. In every area of science, the new survey provided a better rate of coverage than was previously noted, with the life sciences showing the most change. In 1970 life science enrollment from traineeship applications represented 75 percent of all life science enrollment reported by OE. In 1971, coverage increased to 87 percent.

All of the data previously published in this series represented department titles which were aggregated into 41 fields of science and 6 major areas; for comparative purposes, the new survey used the identical groupings. A listing of the department titles is supplied in table C.

Table A. Number of matched departments, 1969-72, compared with number of departments reporting for 1972, by area and field of science

Area and field of science	Total graduate departments reporting for 1972	Matched departments, 1969-72	Matched departments as percent of total
Total	4,637	2,706	58.4
Engineering	880	611	69.4
Aeronautical	38	24	63.2
Agricultural	44	28	63.6
Chemical	109	92	84.4
Civil	118	85	72.0
Electrical	129	112	86.8
Engineering science	49	36	73.5
Industrial	81	46	56.8
Mechanical	125	93	74.4
Metallurgical	59	38	64.4
Mining	19	5	26.3
Nuclear	28	21	75.0
Petroleum	14	5	35.7
Other engineering	67	26	38.8
Physical sciences	683	526	77.0
Astronomy	28	23	82.1
Atmospheric sciences	25	16	64.0
Chemistry	222	191	86.0
Geosciences	156	105	67.3
Oceanography	32	20	62.5
Physics	220	171	77.7
Mathematical sciences	320	222	69.4
Applied mathematics	54	29	53.7
Mathematics	216	162	75.0
Statistics	50	31	62.0
Life sciences	1,681	712	42.4
Agricultural	339	162	47.8
Biochemistry	163	90	55.2
Biology	182	117	64.3
Botany	87	60	69.0
Microbiology	130	67	51.5
Pharmacology	125	49	39.2
Physiology	107	46	43.0
Zoology	60	50	83.3
Other life sciences	488	71	14.5
Psychology	219	144	65.8
Social sciences	854	491	57.5
Agricultural economics	38	16	42.1
Anthropology	89	58	65.2
Economics	157	111	70.7
Geography	86	53	61.6
History and philosophy of science	61	21	34.4
Linguistics	64	37	57.8
Political science	164	100	61.0
Sociology	170	82	48.2
Sociology and anthropology	25	13	52.0

[a]Based on 2,706 graduate departments reporting for each of the years 1969-72.

Table B. Graduate enrollment in 302 doctorate-granting institutions, compared with 1971 enrollment for advanced degrees, by area of science and department degree level

Area of science	Enrollment for advanced degrees, fall 1971[a]	Graduate enrollment in 302 doctorate-granting institutions in 1971[b]					
		All departments		Doctorate departments		Master's departments	
		Number	Percent of total	Number	Percent of total	Number	Percent of total
Total	[illegible]	214,680	87.2	195,185	79.3	19,495	7.9
Engineering	[illegible]	54,404	91.7	49,317	83.1	5,087	8.6
Physical sciences	38,928	34,544	88.7	32,701	84.0	1,843	4.7
Mathematical sciences	28,847	18,527	64.2	16,306	56.5	2,221	7.7
Life sciences	47,662	41,466	87.0	38,339	80.4	3,127	6.6
Psychology	26,712	18,067	67.6	16,965	63.5	1,102	4.1
Social sciences	44,630	47,672	106.8	41,557	93.1	6,115	13.7

[a]Based on U.S. Office of Education, Survey of Students Enrolled for Advanced Degrees, Fall 1971, unpublished data.

[b]Based on NSF's Survey of Graduate Science Student Support, (appendix tables A-4a, B-4a, and C-4a).

Table C. Number of graduate departments in the 302 doctorate-granting institutions covered in the study, by area and field of science, 1971

Area, field of science, and departmental title	Total	Master's departments	Doctorate departments
Total	4,637	826	3,811
Engineering	880	171	709
Aeronautical, total	38	4	34
Aeronautical and astronautical engineering	4	...	4
Aeronautical engineering	3	...	3
Aeronautics	2	...	2
Aeronautics and astronautics	6	...	6
Aerospace engineering	19	3	16
Aerospace engineering and engineering physics ..	2	1	1
Astronautics	1	...	1
Space science	1	...	1
Agricultural, total	44	17	27
Agricultural and irrigation engineering	1	...	1
Agricultural engineering	39	16	23
Chemical and paper engineerins	1	1	.....
Wood technology	2	...	2
Wood products engineering	1	...	1
Chemical, total	109	14	95
Chemical engineering	96	11	85
Chemical engineering and materials science	2	...	2
Chemical and metallurgical engineering	5	1	4
Chemical and nuclear engineering	1	...	1
Plastics	1	1	.....
Textiles	4	1	3
Civil, total	118	26	92
Civil engineering	99	26	73
Civil engineering and engineering mechanics	3	...	3
Civil and environmental engineering	7	...	7
Civil and geological engineering	1	...	1
Environmental engineering	3	...	3
Environmental sciences and engineering	5	...	5
Electrical, total	129	18	111
Electrical and instrumental	1	...	1
Electrical computer science	3	...	3
Electrical engineering	124	18	106
Electronic engineering	1	...	1
Engineering science, total	49	5	[illegible]
Applied mechanics	6	...	6
Applied science	3	2	1
Engineering acoustics	1	...	1
Engineering mechanics	15	1	14
Engineering physics	1	...	1

Table C – Continued

Area, field of science, and departmental title	Total	Master's departments	Doctorate departments
Engineering science (Cont.)			
Engineering science	13	2	11
Engineering and applied physics	1	...	1
Fluid dynamics	1	...	1
Mechanical science	1	...	1
Mechanics	4	...	4
Mechanics and hydraulics	1	...	1
Theoretical and applied mechanics	2	...	2
Industrial, total	81	21	60
Administrative science	1	...	1
Applied analysis	1	...	1
Communications	5	2	3
Industrial communication engineering	1	...	1
Industrial engineering	36	8	28
Industrial engineering and management science	4	1	3
Industrial engineering and operations research	4	...	4
Industrial management	3	1	2
Industrial technology	1	1	.....
Management	2	...	2
Management engineering	2	2	.....
Management science	3	1	2
Manufacturing engineering	1	1	.....
Operations research	7	...	7
Systems engineering	10	4	6
Mechanical, total	125	25	100
Aerospace and mechanical engineering	16	...	16
Architectural engineering	1	1	.....
Marine engineering and naval architecture	1	...	1
Mechanical engineering	96	22	74
Mechanical engineering and applied mechanics	1	...	1
Mechanical and aeronautical engineering and material science	4	...	4
Mechanical and industrial engineering	1	...	1
Naval architecture	2	...	2
Structural engineering	1	1	.....
Transportation	1	...	1
Welding engineering	1	1	.....
Metallurgical, total	59	6	53
Ceramic engineering	7	2	5
Ceramics	3	...	3
Material science	10	1	9
Materials engineering	10	1	9
Metallurgical engineering	10	2	8
Metallurgical and materials engineering	11	...	11
Metallurgy	7	...	7
Solid state science and technology	1	...	1

Area, field of science, and departmental title	Total	Master's departments	Doctorate departments
Mining, total	19	7	12
Geological engineering	2	...	2
Mineral engineering	4	2	2
Mineral preparation	1	...	1
Mining	2	1	1
Mining engineering	9	4	5
Mining and metallurgy	1	...	1
Nuclear, total	28	3	25
Nuclear engineering	23	2	21
Nuclear science and engineering	5	1	4
Petroleum, total	14	3	11
Fuel technology	2	...	2
Petroleum engineering	8	2	6
Petroleum and chemical engineering	4	1	3
Other engineering, total	67	22	45
Applied physics	5	...	5
Architecture	8	7	1
Bioengineering	2	...	2
Biomedical engineering	12	...	12
Economics of engineering	1	...	1
Energy engineering	3	1	2
Engineering	19	5	14
Engineering administration	3	3	.....
Engineering design	2	1	1
Engineering graphics	1	1	.....
Engineering mathematics	2	...	2
Engineering physics and physics	1	...	1
General engineering	2	1	1
Polymer science and engineering	2	...	2
Safety engineering	1	1	.....
Technology	1	1	.....
Textile engineering	2	1	1
Physical sciences	683	121	562
Astronomy, total	28	3	25
Atmospheric sciences, total	25	3	22
Astrogeophysics	1	...	1
Astrophysics	1	...	1
Atmospheric sciences	8	1	7
Atmospheric and space sciences	1	...	1
Meteorology	12	2	10
Meteorology and oceanography	2	...	2

Table C – Continued

Area, field of science, and departmental title	Total	Master's departments	Doctorate departments
Chemistry, total	222	26	196
Chemistry	216	25	191
Crystallography	1	...	1
Paper technology	1	...	1
Physical chemistry	1	...	1
Polymer science	3	1	2
Geosciences, total	156	43	113
Earth and planetary science	5	1	4
Earth sciences	14	5	9
Environmental sciences	6	4	2
Geochemistry	1	...	1
Geodetic science	1	...	1
Geological science	18	3	15
Geology	79	27	52
Geology and geography	4	2	2
Geology and geological engineering	3	...	3
Geology and geophysics	8	1	7
Geophysics	6	...	6
Geophysics and planetary physics	1	...	1
Geosciences	7	...	7
Hydrology	1	...	1
Paleontology	1	...	1
Petroleum geology	1	...	1
Oceanography, total	32	6	26
Marine biology	1	...	1
Marine science	11	4	7
Ocean engineering	6	1	5
Oceanography	12	1	11
Physical oceanography	1	...	1
Water chemistry	1	...	1
Physics, total	220	40	180
Astronomy and space science	1	...	1
Chemical physics	4	...	4
Electrophysics	1	...	1
Mathematical physics	1	...	1
Optical science	1	...	1
Optics	1	...	1
Physical sciences	2	1	1
Physics	188	37	151
Physics and astronomy	17	2	15
Physics and astrophysics	1	...	1
Physics and geophysics	1	...	1
Plasma physics	1	...	1
Solid state physics	1	...	1

Area, field of science, and departmental title	Total	Master's departments	Doctorate departments
Mathematical sciences	320	79	241
Applied mathematics, total	54	12	42
Applied mathematics	7	1	6
Applied mathematics and computer science	1	...	1
Computer science	46	11	35
Mathematics, total	216	63	153
Mathematical science	8	3	5
Mathematics	200	58	142
Mathematics and applied mathematics	1	1	.....
Mathematics and astronomy	1	1	.....
Mathematics and statistics	5	...	5
Quantitative studies	1	...	1
Statistics, total	50	4	46
Applied statistics	3	1	2
Biostatistics	8	1	7
Experimental statistics	1	...	1
Mathematical statistics	1	...	1
Statistics	36	2	34
Statistics and computer science	1	...	1
Life sciences	1,681	180	1,501
Agricultural, total	339	65	274
Agricultural chemistry	3	...	3
Agricultural science	1	...	1
Agriculture	1	1	.....
Agronomy	30	4	26
Agronomy and genetics	1	...	1
Animal breeding	1	...	1
Animal diseases	1	...	1
Animal husbandry	3	1	2
Animal industry	4	1	3
Animal nutrition	4	...	4
Animal science	40	9	31
Conservation	1	...	1
Dairy husbandry	1	...	1
Dairy science	17	5	12
Entomology	35	1	34
Entomology and parasitology	2	...	2
Farm crops	3	...	3
Floriculture	1	...	1
Food and nutrition	8	3	5
Foods	1	...	1
Food science	20	5	15
Food science and technology	4	...	4
Food technology	2	1	1

Table C – Continued

Area, field of science, and departmental title	Total	Master's departments	Doctorate departments
Agricultural (Cont.)			
Forest chemistry	1	...	1
Forest economics	1	...	1
Forest entomology	1	...	1
Forest management	2	...	2
Forest products	1	...	1
Forest resources	5	1	4
Forestry	22	8	14
Forestry and horticulture	1	...	1
Horticulture	30	7	23
Irrigation	1	1	.....
Nutrition	15	1	14
Parasitology	3	...	3
Plant and soil science	4	...	4
Plant breeding	1	...	1
Plant science	12	2	10
Poultry husbandry	1	...	1
Poultry science	14	4	10
Range management	3	1	2
Range science	3	...	3
Recreation and parks	3	1	2
Resource development	1	1	.....
Resource science	2	1	1
Silviculture	1	...	1
Soils	4	...	4
Soils and meteorology	1	...	1
Soil science	6	...	6
Vegetable crops	3	1	2
Water resources	3	1	2
Water resources administration	1	...	1
Watershed management	3	1	2
Wildlife	3	1	2
Wildlife management	3	2	1
Biochemistry, total	163	3	160
Agricultural biochemistry	2	...	2
Agricultural biochemistry and nutrition	1	...	1
Biochemical science	2	...	2
Biochemistry	100	1	99
Biochemistry and biophysics	7	...	7
Biochemistry and nutrition	3	...	3
Biological chemistry	11	...	11
Biophysical science	1	...	1
Biophysics	16	...	16
Biophysics and microbiology	1	...	1
Comparative biochemistry	1	...	1
Biochemistry (Cont.)			
Medical biochemistry	2	...	2
Medical physics	2	...	2
Molecular biophysics	2	...	2
Molecular biophysics and biochemistry	2	...	2
Radiation biology	5	...	5
Radiation biology and biophysics	1	...	1
Radiation biophysics	1	...	1
Radiological science	3	2	1
Biology, total	182	34	148
Biological science	37	9	28
Biological structure	1	...	1
Biology	110	25	85
Biomedical science	4	...	4
Biopsychology	2	...	2
Cellular biology	8	...	8
Developmental biology	2	...	2
Evolutionary biology	1	...	1
Experimental biology	1	...	1
Molecular basis of biological phenomena	1	...	1
Molecular biology	12	...	12
Population and environmental biology	1	...	1
Population biology	1	...	1
Theoretical biology	1	...	1
Botany, total	87	3	84
Botanical science	1	...	1
Botany	42	1	41
Botany and microbiology	6	1	5
Botany and plant pathology	9	1	8
Plant pathology	25	...	25
Plant physiology	4	...	4
Microbiology, total	130	9	121
Bacteriology	8	1	7
Cell physiology	1	...	1
Medical microbiology	10	...	10
Microbiology	108	8	100
Virology	3	...	3
Pharmacology, total	125	...	125
Biochemical pharmacology	2	...	2
Biopharmaceutical sciences	1	...	1
Chemistry and pharmaceutical chemistry	1	...	1
Medicinal chemistry	8	...	8
Pharmaceutical chemistry	7	...	7
Pharmaceutics	4	...	4

Table C – Continued

Area, field of science, and departmental title	Total	Master's departments	Doctorate departments
Pharmacology (Cont.)			
Pharmacognosy	3	...	3
Pharmacology	77	...	77
Pharmacology and toxicology	6	...	6
Pharmacy	16	...	16
Physiology, total	107	1	106
Animal physiology	1	...	1
Comparative physiology	1	...	1
Medical physiology	1	...	1
Physiological chemistry	3	...	3
Physiological optics	1	...	1
Physiological science	1	...	1
Physiology	75	1	74
Physiology and anatomy	3	...	3
Physiology and biophysics	13	...	13
Physiology and pharmacology	8	...	8
Zoology, total	60	1	59
Fish and wildlife	3	...	3
Fisheries	1	...	1
Forest zoology	1	...	1
Zoology	46	1	45
Zoology and entomology	5	...	5
Zoology and physiology	4	...	4
Other life sciences, total	488	64	424
Administration	1	1	.....
Administrative medicine	2	...	2
Arts and sciences	1	...	1
Anatomy	81	3	78
Anatomy and cell biology	1	...	1
Anesthesiology	8	...	8
Arthritis	2	...	2
Audiology	3	...	3
Bacteriology and public health	1	...	1
Biobehavioral sciences	1	...	1
Biometrics	6	2	4
Biometry	2	1	1
Cardiology	2	...	2
Cardiovascular medicine	1	...	1
Chest diseases	2	...	2
Dental hygiene	1	1	.....
Dentistry	2	1	1
Dermatology	5	...	5
Ecology	10	...	10
Emergency medicine	2	...	2

Area, field of science, and departmental title	Total	Master's departments	Doctorate departments
Other life sciences (Cont.)			
Endocrinology	5	...	5
Environmental health	4	...	4
Environmental medicine	1	...	1
Experimental medicine	2	[illegible]	.....
Experimental pathology	1	...	1
Gastroenterology	1	...	1
General practice	2	...	2
General science	2	...	2
Genetics	31	...	31
Gynecology	1	...	1
Health sciences	3	1	2
Hematology	2	...	2
History of medicine	1	...	1
Immunology	5	...	5
Infectious diseases	2	1	1
Internal medicine	3	...	3
Life sciences	4	1	3
Medical psychology	2	1	1
Medical sciences	5	1	4
Medicine	20	...	20
Metabolism	1	...	1
Natural resources	4	2	2
Neurobiology	4	...	4
Neurological surgery	3	...	3
Neurology	11	...	11
Neurophysiology	1	...	1
Neurosciences	4	...	4
Neurosurgery	2	...	2
Nuclear medicine	2	...	2
Nursing	2	1	1
Obstetrics and gynecology	12	1	11
Occupational health	1	1	.....
Opthalmology	8	2	6
Oral pathology	2	1	1
Oral surgery	1	1	.....
Ornithology	1	1	.....
Orthodontics	1	1	.....
Orthopedic surgery	5	1	4
Pathobiology	1	...	1
Pathology	59	5	54
Pediatrics	21	2	19
Physical medicine	2	1	1
Physical medicine and rehabilitation	5	1	4
Physiological hygiene	1	...	1
Planetary and space science	1	...	1

Table C – Continued

Area, field of science, and departmental title	Total	Master's departments	Doctorate departments
Other life sciences (Cont.)			
Plastic surgery	1	...	1
Preventive medicine	9	4	5
Preventive medicine and public health	2	...	2
Psychobiology	1	...	1
Public health	8	4	4
Radiology	21	6	15
Research	2	1	1
Science education	1	...	1
Surgery	19	4	15
Toxicology	2	...	2
Tropical medicine	1	...	1
U[illegible]logy	3	...	3
Urology	2	1	1
Veterinary anatomy	4	...	4
Veterinary bacteriology	2	...	2
Veterinary medicine	5	3	2
Veterinary parasitology	2	1	1
Veterinary pathology	6	...	6
Veterinary physiology	4	1	3
Veterinary science	7	2	5
Psychology	219	32	187
Psychology, total	219	32	187
Animal behavior	1	...	1
Behavioral science	3	...	3
Child development	3	1	2
Child studies	1	...	1
Clinical psychology	2	...	2
Educational psychology	1	...	1
Experimental psychology	3	...	3
Experimental social psychology	1	...	1
Human development	4	...	4
Physiological psychology	1	...	1
Psychiatry	16	2	14
Psychiatry and neurology	2	...	2
Psychology	178	28	150
Psychology and education	1	...	1
Social psychology	2	1	1
Social sciences	854	243	611
Agricultural economics, total	38	9	29
Agricultural economics	33	6	27
Agricultural economics and economics	1	1	.....
Agricultural economics and sociology	4	2	2

Area, field of science, and departmental title	Total	Master's departments	Doctorate departments
Anthropology, total	89	21	68
Anthropology	88	20	68
Archeology	1	1	.....
Economics, total	157	43	114
Business economics	1	...	1
Economics	149	42	107
Economics and business administration	2	...	2
Industrial relations	1	1	.....
Managerial economics	1	...	1
Mineral economics	1	...	1
Political economy	2	...	2
Geography, total	86	38	48
Geography	85	38	47
Geography and anthropology	1	...	1
History and philosophy of science, total	61	2	59
History	12	1	11
History and philosophy of science	6	...	6
History of science	9	...	9
History of science and medicine	1	...	1
Logic and methodology of science	1	...	1
Philosophy	30	1	29
Philosophy of science	2	...	2
Linguistics, total	64	9	55
Communication	2	...	2
Information science	9	1	8
Linguistics	41	5	36
Psycholinguistics	1	...	1
Sensory communication	1	...	1
Speech	4	1	3
Speech and pathology	6	2	4
Political science, total	164	57	107
American affairs	1	1	.....
Government	21	6	15
Government and foreign affairs	1	...	1
International affairs	1	1	.....
International relations	5	2	3
International studies	1	...	1
Political science	125	43	82
Politics	5	1	4
Public administration	3	2	1
Public affairs	1	1	.....

Table C – Continued

Area, field of science, and departmental title	Total	Master's departments	Doctorate departments
Sociology, total	170	53	117
Area studies	1	1	.....
Asian studies	1	1	.....
City planning	1	...	1
Environmental studies	3	1	2
Family life	3	1	2
Folklore	1	...	1
Interdisciplinary studies	1	...	1
International service	1	...	1
Labor and industrial relations	1	...	1
Latin American studies	1	1	.....
Leadership and human behav[illegible]	1	...	1
Planning and development	1	1	.....
Regional planning	4	1	3
Regional science	1	...	1
Rural sociology	3	...	3
Social relations	2	1	1
Social sciences	5	...	5
Social studies	2	...	2
Sociology	123	37	86
Urban planning	11	6	5
Urban studies	3	2	1
Sociology and anthropology, total	25	11	14

APPENDIX II

Classification of Institutions[1]

The institutions participating in the survey were classified as follows:

(1) **"First 20."** These institutions were selected by the most number of NSF Fellows during the period 1968-72. The NSF Graduate Fellowship Program awards its stipends to individuals who then select which graduate institutions they wish to attend. On the basis of this selection process, the number of Fellows in each year was totaled and the institutions were then placed in rank order. These same 20 institutions have been selected by the most number of NSF Fellows for each year since this analysis began.

(2) **Developing.** The 86 institutions that began awarding science Ph.D.'s in academic year 1960-61 were considered to be developing graduate institutions for this report. Data for this comparison were provided by the Office of Education.

(3) **Medical.** The 66 medical schools that awarded science Ph.D.'s separately from their parent institutions were tabulated in 1972 so that their characteristics could be examined for comparative purposes. Since data from medical schools were not representative during the Graduate Traineeship Program phase of this data base, this category cannot be as meaningfully analyzed over the 3-year period as the other categories were.

(4) **Intermediate.** The 130 remaining schools that supplied data for 1972 were termed "Intermediate."

[1] The 302 science doctorate institutions listed here may differ from similar listings published elsewhere for the following principal reasons: (1) Differences in classifying branches, affiliates, or other organizational components of university systems; (2) variations in definitions of science and engineering fields; (3) differences in the time period covered by the classification (e.g., single year or longer period); and (4) differences in classifications based on level of degree offered or level of degree granted respectively, in a particular period. Symbols behind each name refer to the following classifications: 1) "First 20" refer to institutions chosen most frequently by NSF Fellows from 1968 through 1972; 2) D—"Developing" institutions, those which granted science Ph.D.'s after 1960-61; 3) M—"Medical Schools"; 4) I—"Intermediate," all remaining institutions granting doctorates in science.

ALABAMA

Auburn University–I
University of Alabama, Tuscaloosa–I
University of Alabama Medical School–M
University of Alabama, Birmingham–D

ALASKA

University of Alaska–I

ARIZONA

Arizona State University–D
University of Arizona–I

ARKANSAS

University of Arkansas–I
University of Arkansas Medical School–M

CALIFORNIA

California Institute of Technology–First 20
California State University, San Diego–D
Claremont Graduate School and University Center–I
Loma Linda University–D
Naval Postgraduate School–I
Stanford University–First 20
Stanford University Medical School–M
University of California, Berkeley–First 20
University of California, Davis–I
University of California, Irvine–D
University of California, Irvine Medical School–M
University of California, Los Angeles–First 20
University of California, Riverside–D
University of California, San Diego–First 20
University of California, San Francisco Medical School–M
University of California, Santa Barbara–D
University of California, Santa Cruz–D
University of the Pacific–D
University of Santa Clara–D
University of Southern California–I
University of Southern California Medical School–M
U.S. International University, California Western–D

COLORADO

Colorado School of Mines–I
Colorado State University–I
University of Colorado–I
University of Colorado Medical School–M
University of Denver–I
University of Northern Colorado–D

CONNECTICUT

University of Connecticut–I
Wesleyan University–D
Yale University–First 20
Yale University Medical School–M

DELAWARE

University of Delaware–I

DISTRICT OF COLUMBIA

American University–I
Catholic University–I
Georgetown University–I
Georgetown University Medical School–M
George Washington University–I
George Washington University Medical School–M
Howard University–I
Howard University Medical School–M

FLORIDA

Florida Institute of Technology–D
Florida State University–I
Nova University–D
University of Florida–I
University of Florida Medical School–M
University of Miami–I
University of South Florida–D

GEORGIA

Atlanta University–D
Emory University–I
Georgia Institute of Technology–I
Georgia State University–D
Medical College of Georgia–M
University of Georgia–I

HAWAII

University of Hawaii–I
University of Hawaii Medical School–M

IDAHO

Idaho State University–D
University of Idaho–D

ILLINOIS

Depaul University–D
Illinois Institute of Technology–I
Illinois State University–D
Loyola University–I
Northern Illinois University–D
Northwestern University–I
Southern Illinois University–I
University of Chicago–First 20
University of Health Sciences, Chicago Medical School–M
University of Illinois, Chicago Circle–D
University of Illinois Medical Center–M
University of Illinois, Urbana–First 20

INDIANA

Ball State University–D
Indiana State University–D
Indiana University–I
Indiana University Medical School–M
Purdue University–I
University of Notre Dame–I

IOWA

Iowa State University–I
University of Iowa–I

KANSAS

Kansas State University–I
University of Kansas–I
Wichita State University–D

KENTUCKY

University of Kentucky–I
University of Kentucky Medical School–M
University of Louisville–I
University of Louisville Health Sciences Center–M

LOUISIANA

Louisiana State University, Baton Rouge–I
Louisiana State University Medical Center–M
Louisiana State University, New Orleans–D
Louisiana Technological University–D
Loyola University–D
Tulane University–I
Tulane University Medical School–M
University of Southwestern Louisiana–D

MAINE

University of Maine–I

MARYLAND

Johns Hopkins University–First 20
Johns Hopkins University Medical School–M
Johns Hopkins University School of Hygiene and Public Health–M
University of Maryland–I
University of Maryland Medical School–M

MASSACHUSETTS

Boston College–I
Boston University–I
Brandeis University–I
Clark University–I
Harvard University–First 20
Lowell Technological Institute–D
Massachusetts College of Pharmacy–I
Massachusetts Institute of Technology–First 20
Northeastern University–D
Smith College–D
Tufts University–I
Tufts University Medical School–M
University of Massachusetts–I

MASSACHUSETTS, cont.

University of Massachusetts Medical School–M
Woods Hole Oceanographic Institution–D
Worcester Polytechnic Institute–D

MICHIGAN

Michigan State University–I
Michigan Technological University–D
University of Detroit–D
University of Michigan–First 20
University of Michigan Medical School–M
Wayne State University–I
Wayne State University Medical School–M
Western Michigan University–D

MINNESOTA

University of Minnesota–I

MISSISSIPPI

Mississippi State University–I
University of Mississippi–I
University of Mississippi Medical School–M
University of Southern Mississippi–D

MISSOURI

St. Louis University–I
University of Missouri, Columbia–I
University of Missouri, Kansas City–D
University of Missouri, Rolla–I
Washington University–I

MONTANA

Montana State University–I
University of Montana–D

NEBRASKA

Creighton University School of Medicine–M
University of Nebraska–I
University of Nebraska Medical School–M

NEVADA

University of Nevada, Reno–D

NEW HAMPSHIRE

Darthmouth College–D
University of New Hampshire–I

NEW JERSEY

Newark College of Engineering–D
New Jersey College of Medicine and Dentistry–M
Princeton University–First 20
Rutgers, The State University–I
Seton Hall University–D
Stevens Institute of Technology–I

NEW MEXICO

New Mexico Institute of Mining and Technology–D
New Mexico State University–I
University of New Mexico–I

NEW YORK

Adelphi University–I
Alfred University–I
City University of New York, Brooklyn College–D
City University of New York, City College–D
City University of New York Graduate Division–D
Clarkson College of Technology–D
Columbia University–First 20
Columbia University College of Pharmaceutical Sciences–I
Columbia University College of Physicians and Surgeons–M
Columbia University Teachers College–D
Cooper Union–D
Cornell University–First 20
Cornell University Medical School–M
Fordham University–I
Hofstra University–D
New School for Social Research–I
New York Medical College–M
New York University–I
Polytechnic Institute of Brooklyn–I
Rensselaer Polytechnic Institute–I
Rockefeller University–First 20
St. Bonaventure University–I
St. Johns University–I
State University of New York at Albany–D
State University of New York at Binghamton–D
State University of New York at Buffalo–I
State University of New York at Buffalo, School of Medicine–M
State University of New York, College of Environmental Science and Forestry
State University of New York Downstate Medical Center–M
State University of New York, Stony Brook–D
State University of New York, Upstate Medical Center–M
Syracuse University–I
Union College and University–I
Union University, Albany Medical College–M
University of Rochester–I
Yeshiva University–I
Yeshiva University, Albert Einstein College of Medicine–M

NORTH CAROLINA

Duke University–I
Duke University Medical School–M
University of North Carolina, Chapel Hill–I
University of North Carolina, Greensboro–D
University of North Carolina Medical School–M
North Carolina State University, Raleigh–I
Wake Forest University–D
Wake Forest University, Bowman Gray School of Medicine–M

NORTH DAKOTA

North Dakota State University–D
University of North Dakota–I

OHIO

Air Force Institute of Technology–D
Bowling Green State University–D
Case Western Reserve University–I
Kent State University–D
Miami University–D
Ohio State University–I
Ohio State University Medical School–M
Ohio University–I
University of Akron–I
University of Cincinnati–I
University of Dayton–D
University of Toledo–D

OKLAHOMA

Oklahoma State University–I
University of Oklahoma–I
University of Oklahoma Medical Center–M
University of Tulsa–D

OREGON

Oregon Graduate Center–D
Oregon State University–I
Portland State University–D
University of Oregon–I
University of Oregon Medical School–M
University of Portland–I

PENNSYLVANIA

Bryn Mawr College–I
Carnegie-Mellon University–I
Drexel University–D
Duquesne University–I
Hahnemann Medical College and Hospital–M
Lehigh University–I
The Medical College of Pennsylvania–M
Pennsylvania State University–I
Philadelphia College of Pharmacy and Science–I
Temple University–I
Temple University Medical School–M
Thomas Jefferson University Medical College–M
University of Pennsylvania–First 20
University of Pennsylvania Medical School–M
University of Pittsburgh–I
University of Pittsburgh Medical School–M
Villanova University–D

RHODE ISLAND

Brown University–I
Providence College–D
University of Rhode Island–I

SOUTH CAROLINA

Clemson University—D
Medical University of South Carolina—M
University of South Carolina—I

SOUTH DAKOTA

South Dakota School of Mines and Technology—D
South Dakota State University—I
University of South Dakota—I
University of South Dakota Medical School—M

TENNESSEE

George Peabody College—I
Memphis State University—D
University of Tennessee—I
University of Tennessee Medical School—M
Vanderbilt University—I

TEXAS

Baylor University—I
Baylor College of Medicine—M
North Texas State University—D
Rice University—First 20
Southern Methodist University—D
Texas A&M University—I
Texas Christian University—D
Texas Tech University—I
Texas Woman's University—D
University of Houston—I
University of Texas, Arlington—D
University of Texas, Austin—I
University of Texas, Dallas—D
University of Texas Graduate School of Biomedical Sciences—D
University of Texas Medical Branch, Galveston—M
University of Texas Southwestern Medical School—M

UTAH

Brigham Young University—I
University of Utah—I
University of Utah Medical School—M
Utah State University—I

VERMONT

University of Vermont—D
University of Vermont Medical School—M

VIRGINIA

College of William and Mary—D
Institute of Textile Technology—D
University of Virginia—I
University of Virginia Medical School—M
Virginia Commonwealth University—I
Virginia Commonwealth University Medical College of Virginia—M
Virginia Polytechnic Institute—I

WASHINGTON

University of Washington—First 20
Washington State University—I

WEST VIRGINIA

West Virginia University—I
West Virginia University Medical Center—M

WISCONSIN

Lawrence University Institute of Paper Chemistry—I
Marquette University—I
Medical College of Wisconsin—M
University of Wisconsin, Madison—First 20
University of Wisconsin Medical School—M
University of Wisconsin, Milwaukee—I

WYOMING

University of Wyoming—I

PUERTO RICO

University of Puerto Rico Medical School—M
University of Puerto Rico, Rio Piedras—D

APPENDIX III

Statistical Tables

	Page
A-1 through A-21: All Graduate Departments, 1972	36
B-1 through B-21: Master's Departments, 1972	67
C-1 through C-21: Doctorate Departments, 1972	98
D-1 through D-10: All Graduate Departments, 1969-72	128

TABLE A-1. GRADUATE STUDENTS IN ALL GRADUATE DEPARTMENTS, BY FIELD OF SCIENCE AND ENROLLMENT STATUS, 1972

AREA AND FIELD OF SCIENCE	TOTAL		FULL TIME		PART TIME	
	NUMBER	PERCENT DISTRI-BUTION	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL
TOTAL, ALL FIELDS OF SCIENCE.............	210,895	100.0	161,329	76.5	49,566	23.5
ENGINEERING............................	51,624	24.5	32,913	63.8	18,711	36.2
AERONAUTICAL...........................	1,755	.8	1,369	78.0	386	22.0
AGRICULTURAL...........................	637	.3	527	82.7	110	17.3
CHEMICAL...............................	4,327	2.1	3,095	71.5	1,232	28.5
CIVIL..................................	8,053	3.8	5,301	65.8	2,752	34.2
ELECTRICAL.............................	13,295	6.3	7,594	57.1	5,701	42.9
ENGINEERING SCIENCE....................	2,095	1.0	1,336	63.8	759	36.2
INDUSTRIAL.............................	5,972	2.8	3,479	58.3	2,493	41.7
MECHANICAL.............................	6,764	3.2	4,302	63.6	2,462	36.4
METALLURGICAL AND MATERIALS............	2,065	1.0	1,642	79.5	423	20.5
MINING.................................	329	.2	296	90.0	33	10.0
NUCLEAR................................	1,123	.5	944	84.1	179	15.9
PETROLEUM..............................	277	.1	218	78.7	59	21.3
OTHER ENGINEERING......................	4,932	2.3	2,810	57.0	2,122	43.0
PHYSICAL SCIENCES......................	33,164	15.7	28,948	87.3	4,216	12.7
ASTRONOMY..............................	587	.3	538	91.7	49	8.3
ATMOSPHERIC SCIENCES...................	989	.5	855	86.5	134	13.5
CHEMISTRY..............................	13,875	6.6	12,076	87.0	1,799	13.0
GEOSCIENCES............................	5,507	2.6	4,762	86.5	745	13.5
OCEANOGRAPHY...........................	1,504	.7	1,324	88.0	180	12.0
PHYSICS................................	10,702	5.1	9,393	87.8	1,309	12.2
MATHEMATICAL SCIENCES..................	18,008	8.5	12,978	72.1	5,030	27.9
APPLIED MATHEMATICS....................	3,823	1.8	2,722	71.2	1,101	28.8
MATHEMATICS............................	12,550	6.0	8,968	71.5	3,582	28.5
STATISTICS.............................	1,635	.8	1,288	78.8	347	21.2
LIFE SCIENCES..........................	42,164	20.0	36,473	86.5	5,691	13.5
AGRICULTURE............................	9,563	4.5	8,284	86.6	1,279	13.4
BIOCHEMISTRY...........................	3,862	1.8	3,613	93.6	249	6.4
BIOLOGY................................	9,102	4.3	7,685	84.4	1,417	15.6
BOTANY.................................	2,516	1.2	2,325	92.4	191	7.6
MICROBIOLOGY...........................	2,755	1.3	2,511	91.1	244	8.9
PHARMACOLOGY...........................	2,022	1.0	1,761	87.1	261	12.9
PHYSIOLOGY.............................	1,950	.9	1,734	88.9	216	11.1
ZOOLOGY................................	3,668	1.7	3,291	89.7	377	10.3
OTHER LIFE SCIENCES....................	6,726	3.2	5,269	78.3	1,457	21.7
PSYCHOLOGY.............................	17,841	8.5	15,157	85.0	2,684	15.0
SOCIAL SCIENCES........................	48,094	22.8	34,860	72.5	13,234	27.5
AGRICULTURAL ECONOMICS.................	1,361	.6	1,210	88.9	151	11.1
ANTHROPOLOGY...........................	4,885	2.3	4,159	85.1	726	14.9
ECONOMICS (EXCEPT AGRICULTURAL)........	9,191	4.4	6,925	75.3	2,266	24.7
GEOGRAPHY..............................	2,811	1.3	2,163	76.9	648	23.1
HISTORY AND PHILOSOPHY OF SCIENCE......	2,432	1.2	1,924	79.1	508	20.9
LINGUISTICS............................	2,730	1.3	2,024	74.1	706	25.9
POLITICAL SCIENCE......................	12,695	6.0	7,650	60.3	5,045	39.7
SOCIOLOGY..............................	10,839	5.1	8,009	73.9	2,830	26.1
SOCIOLOGY AND ANTHROPOLOGY.............	1,150	.5	796	69.2	354	30.8

TABLE A-2. GRADUATE STUDENTS IN ALL GRADUATE DEPARTMENTS, BY FIELD OF SCIENCE, ENROLLMENT STATUS, AND LEVEL OF STUDY, 1972

AREA AND FIELD OF SCIENCE	FULL TIME					PART TIME				
		FIRST YEAR		BEYOND FIRST YEAR			FIRST YEAR		BEYOND FIRST YEAR	
	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL
TOTAL, ALL FIELDS OF SCIENCE........	161,329	53,414	33.1	107,915	66.9	49,566	17,723	35.8	31,843	64.2
ENGINEERING........................	32,913	13,414	40.8	19,499	59.2	18,711	7,730	41.3	10,981	58.7
AERONAUTICAL......................	1,369	458	33.5	911	66.5	386	119	30.8	267	69.2
AGRICULTURAL......................	527	195	37.0	332	63.0	110	31	28.2	79	71.8
CHEMICAL..........................	3,095	994	32.1	2,101	67.9	1,232	349	28.3	883	71.7
CIVIL.............................	5,301	2,640	49.8	2,661	50.2	2,752	1,234	44.8	1,518	55.2
ELECTRICAL........................	7,594	3,076	40.5	4,518	59.5	5,701	2,618	45.9	3,083	54.1
ENGINEERING SCIENCE...............	1,336	427	32.0	909	68.0	759	463	61.0	296	39.0
INDUSTRIAL........................	3,479	1,635	47.0	1,844	53.0	2,493	914	36.7	1,579	63.3
MECHANICAL........................	4,302	1,804	41.9	2,498	58.1	2,462	1,049	42.6	1,413	57.4
METALLURGICAL AND MATERIALS.......	1,642	439	26.7	1,203	73.3	423	84	19.9	339	80.1
MINING............................	296	96	32.4	200	67.6	33	14	42.4	19	57.6
NUCLEAR...........................	944	346	36.7	598	63.3	179	57	31.8	122	68.2
PETROLEUM.........................	218	83	38.1	135	61.9	59	29	49.2	30	50.8
OTHER ENGINEERING.................	2,810	1,221	43.5	1,589	56.5	2,122	769	36.2	1,353	63.8
PHYSICAL SCIENCES..................	28,948	7,657	26.5	21,291	73.5	4,216	1,049	24.9	3,167	75.1
ASTRONOMY.........................	538	122	22.7	416	77.3	49	16	32.7	33	67.3
ATMOSPHERIC SCIENCES..............	855	299	35.0	556	65.0	134	24	17.9	110	82.1
CHEMISTRY.........................	12,076	2,979	24.7	9,097	75.3	1,799	474	26.3	1,325	73.7
GEOSCIENCES.......................	4,762	1,673	35.1	3,089	64.9	745	189	2[illegible].4	556	74.6
OCEANOGRAPHY......................	1,324	432	32.6	892	67.4	180	40	22.2	140	77.8
PHYSICS...........................	9,393	2,152	22.9	7,241	77.1	1,309	306	[illegible]3.4	1,003	76.6
MATHEMATICAL SCIENCES..............	12,978	4,403	33.9	8,575	66.1	5,030	2,277	45.3	2,753	54.7
APPLIED MATHEMATICS...............	2,722	916	33.7	1,806	66.3	1,101	470	42.7	631	57.3
MATHEMATICS.......................	8,968	3,095	34.5	5,873	65.5	3,582	1,670	46.6	1,912	53.4
STATISTICS........................	1,288	392	30.4	896	69.6	347	137	39.5	210	60.5
LIFE SCIENCES......................	36,473	11,387	31.2	25,086	68.8	5,691	1,[illegible]71	32.9	3,820	67.1
AGRICULTURE.......................	8,284	2,810	33.9	5,474	66.1	1,279	300	23.5	979	76.5
BIOCHEMISTRY......................	3,613	959	26.5	2,654	73.5	249	65	26.1	184	73.9
BIOLOGY...........................	7,685	2,369	30.8	5,316	69.2	1,417	475	33.5	942	66.5
BOTANY............................	2,325	623	26.8	1,702	73.2	191	36	18.8	155	81.2
MICROBIOLOGY......................	2,511	759	30.2	1,752	69.8	244	83	34.0	161	66.0
PHARMACOLOGY......................	1,761	497	28.2	1,264	71.8	261	126	48.3	135	51.7
PHYSIOLOGY........................	1,734	559	32.2	1,175	67.8	216	65	30.1	151	69.9
ZOOLOGY...........................	3,291	908	27.6	2,383	72.4	377	73	19.4	304	80.6
OTHER LIFE SCIENCES...............	5,269	1,903	36.1	3,366	63.9	1,457	648	44.5	809	55.5
PSYCHOLOGY.........................	15,157	4,466	29.5	10,691	70.5	2,684	610	22.7	2,074	77.3
SOCIAL SCIENCES....................	34,860	12,087	34.7	22,773	65.3	13,234	4,186	31.6	9,048	68.4
AGRICULTURAL ECONOMICS............	1,210	427	35.3	783	64.7	151	25	16.6	126	83.4
ANTHROPOLOGY......................	4,159	1,224	29.4	2,935	70.6	726	174	24.0	552	76.0
ECONOMICS (EXCEPT AGRICULTURAL)...	6,925	2,418	34.9	4,507	65.1	2,266	687	30.3	1,579	69.7
GEOGRAPHY.........................	2,163	776	35.9	1,387	64.1	648	163	25.2	485	74.8
HISTORY AND PHILOSOPHY OF SCIENCE.	1,924	537	27.9	1,387	72.1	508	116	22.8	392	77.2
LINGUISTICS.......................	2,024	730	36.1	1,294	63.9	706	279	39.5	427	60.5
POLITICAL SCIENCE.................	7,650	2,869	37.5	4,781	62.5	5,045	1,789	35.5	3,256	64.5
SOCIOLOGY.........................	8,009	2,722	34.0	5,287	66.0	2,830	830	29.3	2,000	70.7
SOCIOLOGY AND ANTHROPOLOGY........	796	384	48.2	412	51.8	354	123	34.7	231	65.3

TABLE A-34. GRADUATE STUDENTS IN ALL GRADUATE DEPARTMENTS, BY FIELD OF SCIENCE, CONTROL OF INSTITUTION, AND LEVEL OF STUDY, 1972

AREA AND FIELD OF SCIENCE	PUBLIC					PRIVATE				
		FIRST YEAR		BEYOND FIRST YEAR			FIRST YEAR		BEYOND FIRST YEAR	
	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL
TOTAL, ALL FIELDS OF SCIENCE........	146,663	50,258	34.3	96,405	65.7	64,232	20,879	32.5	43,353	67.5
ENGINEERING........................	32,523	13,819	42.5	18,704	57.5	19,101	7,325	38.3	11,776	61.7
AERONAUTICAL........................	1,116	375	33.6	741	66.4	639	202	31.6	437	68.4
AGRICULTURAL........................	618	221	35.8	397	64.2	19	5	26.3	14	73.7
CHEMICAL........................	2,922	884	30.3	2,038	69.7	1,405	459	32.7	946	67.3
CIVIL........................	5,613	2,737	48.8	2,876	51.2	2,440	1,137	46.6	1,303	53.4
ELECTRICAL........................	7,541	3,461	45.9	4,080	54.1	5,754	2,233	38.8	3,521	61.2
ENGINEERING SCIENCE................	1,492	718	48.1	774	51.9	603	172	28.5	431	71.5
INDUSTRIAL........................	3,222	1,482	46.0	1,740	54.0	2,750	1,067	38.8	1,683	61.2
MECHANICAL........................	4,553	1,877	41.2	2,676	58.8	2,211	976	44.1	1,235	55.9
METALLURGICAL AND MATERIALS........	1,185	307	25.9	878	74.1	880	216	24.5	664	75.5
MINING........................	300	102	34.0	198	66.0	29	8	27.6	21	72.4
NUCLEAR........................	852	297	34.9	555	65.1	271	106	39.1	165	60.9
PETROLEUM........................	212	89	42.0	123	58.0	65	23	35.4	42	64.6
OTHER ENGINEERING................	2,897	1,269	43.8	1,628	56.2	2,035	721	35.4	1,314	64.6
PHYSICAL SCIENCES..................	23,270	6,310	27.1	16,960	72.9	9,894	2,396	24.2	7,498	75.8
ASTRONOMY........................	457	108	23.6	349	76.4	130	30	23.1	100	76.9
ATMOSPHERIC SCIENCES................	787	265	33.7	522	66.3	202	58	28.7	144	71.3
CHEMISTRY........................	9,661	2,422	25.1	7,239	74.9	4,214	1,031	24.5	3,183	75.5
GEOSCIENCES........................	4,207	1,486	35.3	2,721	64.7	1,300	376	28.9	924	71.1
OCEANOGRAPHY........................	1,211	350	28.9	861	71.1	293	122	41.6	171	58.4
PHYSICS........................	6,947	1,679	24.2	5,268	75.8	3,755	779	20.7	2,976	79.3
MATHEMATICAL SCIENCES..............	12,977	4,744	36.6	8,233	63.4	5,031	1,936	38.5	3,095	61.5
APPLIED MATHEMATICS................	2,901	1,067	36.8	1,834	63.2	922	319	34.6	603	65.4
MATHEMATICS........................	8,693	3,229	37.1	5,464	62.9	3,857	1,536	39.8	2,321	60.2
STATISTICS........................	1,383	448	32.4	935	67.6	252	81	32.1	171	67.9
LIFE SCIENCES........................	33,123	10,386	31.4	22,737	68.6	9,041	2,872	31.8	6,169	68.2
AGRICULTURE........................	8,999	2,919	32.4	6,080	67.6	564	191	33.9	373	66.1
BIOCHEMISTRY........................	2,654	709	26.7	1,945	73.3	1,208	315	26.1	893	73.9
BIOLOGY........................	5,707	1,773	31.1	3,934	68.9	3,395	1,071	31.5	2,324	68.5
BOTANY........................	2,309	602	26.1	1,707	73.9	207	57	27.5	150	72.5
MICROBIOLOGY........................	2,142	644	30.1	1,498	69.9	613	198	32.3	415	67.7
PHARMACOLOGY........................	1,338	366	27.4	972	72.6	684	257	37.6	427	62.4
PHYSIOLOGY........................	1,440	481	33.4	959	66.6	510	143	28.0	367	72.0
ZOOLOGY........................	3,516	956	27.2	2,560	72.8	152	25	16.4	127	83.6
OTHER LIFE SCIENCES................	5,018	1,936	38.6	3,082	61.4	1,708	615	36.0	1,093	64.0
PSYCHOLOGY........................	11,828	3,494	29.5	8,334	70.5	6,013	1,582	26.3	4,431	73.7
SOCIAL SCIENCES........................	32,942	11,505	34.9	21,437	65.1	15,152	4,768	31.5	10,384	68.5
AGRICULTURAL ECONOMICS............	1,286	419	32.6	867	67.4	75	33	44.0	42	56.0
ANTHROPOLOGY........................	3,531	1,030	29.2	2,501	70.8	1,354	368	27.2	986	72.8
ECONOMICS (EXCEPT AGRICULTURAL)...	5,862	2,042	34.8	3,820	65.2	3,329	1,063	31.9	2,266	68.1
GEOGRAPHY........................	2,433	821	33.7	1,612	66.3	378	118	31.2	260	68.8
HISTORY AND PHILOSOPHY OF SCIENCE.	1,471	389	26.4	1,082	73.6	961	264	27.5	697	72.5
LINGUISTICS........................	2,219	863	38.9	1,356	61.1	511	146	28.6	365	71.4
POLITICAL SCIENCE................	8,434	3,179	37.7	5,255	62.3	4,261	1,479	34.7	2,782	65.3
SOCIOLOGY........................	6,872	2,343	34.1	4,529	65.9	3,967	1,209	30.5	2,758	69.5
SOCIOLOGY AND ANTHROPOLOGY........	834	419	50.2	415	49.8	316	88	27.8	228	72.2

TABLE A-38. FULL-TIME GRADUATE STUDENTS IN ALL GRADUATE DEPARTMENTS, BY FIELD OF SCIENCE, CONTROL OF INSTITUTION, AND LEVEL OF STUDY, 1972

AREA AND FIELD OF SCIENCE	PUBLIC					PRIVATE				
		FIRST YEAR		BEYOND FIRST YEAR			FIRST YEAR		BEYOND FIRST YEAR	
	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL
TOTAL, ALL FIELDS OF SCIENCE........	116,859	39,113	33.5	77,746	66.5	44,470	14,301	32.2	30,169	67.8
ENGINEERING..........................	22,305	9,225	41.4	13,080	58.6	10,608	4,189	39.5	6,419	60.5
AERONAUTICAL.......................	875	308	35.2	567	64.8	494	150	30.4	344	69.6
AGRICULTURAL.......................	508	190	37.4	318	62.6	19	5	26.3	14	73.7
CHEMICAL...........................	2,071	643	31.0	1,428	69.0	1,024	351	34.3	673	65.7
CIVIL..............................	3,903	1,946	49.9	1,957	50.1	1,398	694	49.6	704	50.4
ELECTRICAL.........................	4,721	1,939	41.1	2,782	58.9	2,873	1,137	39.6	1,736	60.4
ENGINEERING SCIENCE................	825	289	35.0	536	65.0	511	138	27.0	373	73.0
INDUSTRIAL.........................	2,292	1,081	47.2	1,211	52.8	1,187	554	46.7	633	53.3
MECHANICAL.........................	3,045	1,261	41.4	1,784	58.6	1,257	543	43.2	714	56.8
METALLURGICAL AND MATERIALS........	958	256	26.7	702	73.3	684	183	26.8	501	73.2
MINING.............................	267	88	33.0	179	67.0	29	8	27.6	21	72.4
NUCLEAR............................	759	273	36.0	486	64.0	185	73	39.5	112	60.5
PETROLEUM..........................	158	62	39.2	96	60.8	60	21	35.0	39	65.0
OTHER ENGINEERING..................	1,923	889	46.2	1,034	53.8	887	332	37.4	555	62.6
PHYSICAL SCIENCES....................	20,698	5,691	27.5	15,007	72.5	8,250	1,966	23.8	6,284	76.2
ASTRONOMY..........................	413	94	22.8	319	77.2	125	28	22.4	97	77.6
ATMOSPHERIC SCIENCES...............	725	256	35.3	469	64.7	130	43	33.1	87	66.9
CHEMISTRY..........................	8,607	2,162	25.1	6,445	74.9	3,469	817	23.6	2,652	76.4
GEOSCIENCES........................	3,596	1,343	37.3	2,253	62.7	1,166	330	28.3	836	71.7
OCEANOGRAPHY.......................	1,083	333	30.7	750	69.3	241	99	41.1	142	58.9
PHYSICS............................	6,274	1,503	24.0	4,771	76.0	3,119	649	20.8	2,470	79.2
MATHEMATICAL SCIENCES................	9,927	3,389	34.1	6,538	65.9	3,051	1,014	33.2	2,037	66.8
APPLIED MATHEMATICS................	2,091	719	34.4	1,372	65.6	631	197	31.2	434	68.8
MATHEMATICS........................	6,772	2,352	34.7	4,420	65.3	2,196	743	33.8	1,453	66.2
STATISTICS.........................	1,064	318	29.9	746	70.1	224	74	33.0	150	67.0
LIFE SCIENCES........................	28,672	8,968	31.3	19,704	68.7	7,801	2,419	31.0	5,382	69.0
AGRICULTURE........................	7,740	2,625	33.9	5,115	66.1	544	185	34.0	359	66.0
BIOCHEMISTRY.......................	2,456	655	26.7	1,801	73.3	1,157	304	26.3	853	73.7
BIOLOGY............................	4,831	1,487	30.8	3,344	69.2	2,854	882	30.9	1,972	69.1
BOTANY.............................	2,136	566	26.5	1,570	73.5	189	57	30.2	132	69.8
MICROBIOLOGY.......................	1,978	599	30.3	1,379	69.7	533	160	30.0	373	70.0
PHARMACOLOGY.......................	1,237	332	26.8	905	73.2	524	165	31.5	359	68.5
PHYSIOLOGY.........................	1,280	430	33.6	850	66.4	454	129	28.4	325	71.6
ZOOLOGY............................	3,141	884	28.1	2,257	71.9	150	24	16.0	126	84.0
OTHER LIFE SCIENCES................	3,873	1,390	35.9	2,483	64.1	1,396	513	36.7	883	63.3
PSYCHOLOGY...........................	10,881	3,257	29.9	7,624	70.1	4,276	1,209	28.3	3,067	71.7
SOCIAL SCIENCES......................	24,376	8,583	35.2	15,793	64.8	10,484	3,504	33.4	6,980	66.6
AGRICULTURAL ECONOMICS.............	1,135	394	34.7	741	65.3	75	33	44.0	42	56.0
ANTHROPOLOGY.......................	3,102	924	29.8	2,178	70.2	1,057	300	28.4	757	71.6
ECONOMICS (EXCEPT AGRICULTURAL)...	4,674	1,652	35.3	3,022	64.7	2,251	766	34.0	1,485	66.0
GEOGRAPHY..........................	1,885	689	36.6	1,196	63.4	278	87	31.3	191	68.7
HISTORY AND PHILOSOPHY OF SCIENCE.	1,222	339	27.7	883	72.3	702	198	28.2	504	71.8
LINGUISTICS........................	1,608	604	37.6	1,004	62.4	416	126	30.3	290	69.7
POLITICAL SCIENCE..................	4,804	1,784	37.1	3,020	62.9	2,846	1,085	38.1	1,761	61.9
SOCIOLOGY..........................	5,351	1,885	35.2	3,466	64.8	2,658	837	31.5	1,821	68.5
SOCIOLOGY AND ANTHROPOLOGY.........	595	312	52.4	283	47.6	201	72	35.8	129	64.2

TABLE A-3C. PART-TIME GRADUATE STUDENTS IN ALL GRADUATE DEPARTMENTS, BY FIELD OF SCIENCE, CONTROL OF INSTITUTION, AND LEVEL OF STUDY, 1972

AREA AND FIELD OF SCIENCE	PUBLIC					PRIVATE				
		FIRST YEAR		BEYOND FIRST YEAR			FIRST YEAR		BEYOND FIRST YEAR	
	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL
TOTAL, ALL FIELDS OF SCIENCE........	29,804	11,145	37.4	18,659	62.6	19,762	6,578	33.3	13,184	66.7
ENGINEERING........................	10,218	4,594	45.0	5,624	55.0	8,493	3,136	36.9	5,357	63.1
AERONAUTICAL........................	241	67	27.8	174	72.2	145	52	35.9	93	64.1
AGRICULTURAL........................	110	31	28.2	79	71.8			.0		.0
CHEMICAL............................	851	241	28.3	610	71.7	381	108	28.3	273	71.7
CIVIL...............................	1,710	791	46.3	919	53.7	1,042	443	42.5	599	57.5
ELECTRICAL..........................	2,820	1,522	54.0	1,298	46.0	2,881	1,096	38.0	1,785	62.0
ENGINEERING SCIENCE.................	667	429	64.3	238	35.7	92	34	37.0	58	63.0
INDUSTRIAL..........................	930	401	43.1	529	56.9	1,563	513	32.8	1,050	67.2
MECHANICAL..........................	1,508	616	40.8	892	59.2	954	433	45.4	521	54.6
METALLURGICAL AND MATERIALS.........	227	51	22.5	176	77.5	196	33	16.8	163	83.2
MINING..............................	33	14	42.4	19	57.6			.0		.0
NUCLEAR.............................	93	24	25.8	69	74.2	86	33	38.4	53	61.6
PETROLEUM...........................	54	27	50.0	27	50.0	5	2	40.0	3	60.0
OTHER ENGINEERING...................	974	380	39.0	594	61.0	1,148	389	33.9	759	66.1
PHYSICAL SCIENCES..................	2,572	619	24.1	1,953	75.9	1,644	430	26.2	1,214	73.8
ASTRONOMY...........................	44	14	31.8	30	68.2	5	2	40.0	3	60.0
ATMOSPHERIC SCIENCES................	62	9	14.5	53	85.5	72	15	20.8	57	79.2
CHEMISTRY...........................	1,054	260	24.7	794	75.3	745	214	28.7	531	71.3
GEOSCIENCES.........................	611	143	23.4	468	76.6	134	46	34.3	88	65.7
OCEANOGRAPHY........................	128	17	13.3	111	86.7	52	23	44.2	29	55.8
PHYSICS.............................	673	176	26.2	497	73.8	636	130	20.4	506	79.6
MATHEMATICAL SCIENCES..............	3,050	1,355	44.4	1,695	55.6	1,980	922	46.6	1,058	53.4
APPLIED MATHEMATICS.................	810	348	43.0	462	57.0	291	122	41.9	169	58.1
MATHEMATICS.........................	1,921	877	45.7	1,044	54.3	1,661	793	47.7	868	52.3
STATISTICS..........................	319	130	40.8	189	59.2	28	7	25.0	21	75.0
LIFE SCIENCES......................	4,451	1,418	31.9	3,033	68.1	1,240	453	36.5	787	63.5
AGRICULTURE.........................	1,259	294	23.4	965	76.6	20	6	30.0	14	70.0
BIOCHEMISTRY........................	198	54	27.3	144	72.7	51	11	21.6	40	78.4
BIOLOGY.............................	876	286	32.6	590	67.4	541	189	34.9	352	65.1
BOTANY..............................	173	36	20.8	137	79.2	18		.0	18	100.0
MICROBIOLOGY........................	164	45	27.4	119	72.6	80	38	47.5	42	52.5
PHARMACOLOGY........................	101	34	33.7	67	66.3	160	92	57.5	68	42.5
PHYSIOLOGY..........................	160	51	31.9	109	68.1	56	14	25.0	42	75.0
ZOOLOGY.............................	375	72	19.2	303	80.8	2	1	50.0	1	50.0
OTHER LIFE SCIENCES.................	1,145	546	47.7	599	52.3	312	102	32.7	210	67.3
PSYCHOLOGY.........................	947	237	25.0	710	75.0	1,737	373	21.5	1,364	78.5
SOCIAL SCIENCES....................	8,566	2,922	34.1	5,644	65.9	4,668	1,264	27.1	3,404	72.9
AGRICULTURAL ECONOMICS..............	151	25	16.6	126	83.4			.0		.0
ANTHROPOLOGY........................	429	106	24.7	323	75.3	297	68	22.9	229	77.1
ECONOMICS (EXCEPT AGRICULTURAL)...	1,188	390	32.8	798	67.2	1,078	297	27.6	781	72.4
GEOGRAPHY...........................	548	132	24.1	416	75.9	100	31	31.0	69	69.0
HISTORY AND PHILOSOPHY OF SCIENCE.	249	50	20.1	199	79.9	259	66	25.5	193	74.5
LINGUISTICS.........................	611	259	42.4	352	57.6	95	20	21.1	75	78.9
POLITICAL SCIENCE...................	3,630	1,395	38.4	2,235	61.6	1,415	394	27.8	1,021	72.2
SOCIOLOGY...........................	1,521	458	30.1	1,063	69.9	1,309	372	28.4	937	71.6
SOCIOLOGY AND ANTHROPOLOGY.........	239	107	44.8	132	55.2	1[illegible]5	16	13.9	99	86.1

TABLE A-4A. GRADUATE STUDENTS IN ALL GRADUATE DEPARTMENTS, BY FIELD OF SCIENCE AND LEVEL OF STUDY, 1971 AND 1972*

AREA AND FIELD OF SCIENCE	FALL 1971					FALL 1972				
		FIRST YEAR		BEYOND FIRST YEAR			FIRST YEAR		BEYOND FIRST YEAR	
	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL
TOTAL, ALL FIELDS OF SCIENCE.......	214,680	73,591	34.3	141,089	65.7	210,895	71,137	33.7	139,758	66.3
ENGINEERING........................	54,404	22,422	41.2	31,982	58.8	51,624	21,144	41.0	30,480	59.0
AERONAUTICAL.......................	1,902	675	35.5	1,227	64.5	1,755	577	32.9	1,178	67.1
AGRICULTURAL.......................	718	293	40.8	425	59.2	637	226	35.5	411	[illegible]
CHEMICAL...........................	4,717	1,525	32.3	3,192	67.7	4,327	1,343	31.0	2,984	[illegible]
CIVIL..............................	7,939	4,073	51.3	3,866	48.7	8,053	3,874	48.1	4,179	51.9
ELECTRICAL.........................	14,204	5,760	40.6	8,444	59.4	13,295	5,694	42.8	7,601	[illegible]
ENGINEERING SCIENCE................	2,223	921	41.4	1,302	58.6	2,095	890	42.5	1,205	57.5
INDUSTRIAL.........................	6,392	2,928	45.8	3,464	54.2	5,972	2,549	42.7	3,423	57.3
MECHANICAL.........................	7,230	3,167	43.8	4,063	56.2	6,764	2,853	42.2	3,911	57.8
METALLURGICAL AND MATERIALS.......	2,189	582	26.6	1,607	73.4	2,065	523	25.3	1,542	74.7
MINING.............................	350	132	37.7	218	62.3	329	110	33.4	219	66.6
NUCLEAR............................	1,149	409	35.6	740	64.4	1,123	403	35.9	720	64.1
PETROLEUM..........................	287	101	35.2	186	64.8	277	112	40.4	165	59.6
OTHER ENGINEERING..................	5,104	1,856	36.4	3,248	63.6	4,932	1,990	40.3	2,942	59.7
PHYSICAL SCIENCES..................	34,544	9,178	26.6	25,366	73.4	33,164	8,706	26.3	24,458	73.7
ASTRONOMY..........................	594	133	22.4	461	77.6	587	138	23.5	449	76.5
ATMOSPHERIC SCIENCES...............	996	326	32.7	670	67.3	989	323	32.7	666	67.3
CHEMISTRY..........................	14,770	3,778	25.6	10,992	74.4	13,875	3,453	24.9	10,422	75.1
GEOSCIENCES........................	5,178	1,789	34.6	3,389	65.4	5,507	1,862	33.8	3,645	66.2
OCEANOGRAPHY.......................	1,404	491	35.0	913	65.0	1,504	472	31.4	1,032	68.6
PHYSICS............................	11,602	2,661	22.9	8,941	77.1	10,702	2,458	23.0	8,244	77.0
MATHEMATICAL SCIENCES..............	18,527	7,050	38.1	11,477	61.9	18,008	6,680	37.1	11,328	62.9
APPLIED MATHEMATICS................	3,714	1,434	38.6	2,280	61.4	3,823	1,386	36.3	2,437	63.7
MATHEMATICS........................	13,117	5,084	38.8	8,033	61.2	12,550	4,765	38.0	7,785	62.0
STATISTICS.........................	1,696	532	31.4	1,164	68.6	1,635	529	32.4	1,106	67.6
LIFE SCIENCES......................	41,466	12,594	30.4	28,872	69.6	42,164	13,258	31.4	28,906	68.6
AGRICULTURE........................	9,442	3,086	32.7	6,356	67.3	9,563	3,110	32.5	6,453	67.5
BIOCHEMISTRY.......................	3,859	910	23.6	2,949	76.4	3,862	1,024	26.5	2,838	73.5
BIOLOGY............................	9,197	2,797	30.4	6,400	69.6	9,102	2,844	31.2	6,258	68.8
BOTANY.............................	2,562	593	23.1	1,969	76.9	2,516	659	26.2	1,857	73.8
MICROBIOLOGY.......................	2,730	813	29.8	1,917	70.2	2,755	842	30.6	1,913	69.4
PHARMACOLOGY.......................	1,944	557	28.7	1,387	71.3	2,022	623	30.8	1,399	69.2
PHYSIOLOGY.........................	1,950	550	28.2	1,400	71.8	1,950	624	32.0	1,326	68.0
ZOOLOGY............................	3,952	1,215	30.7	2,737	69.3	3,668	981	26.7	2,687	73.3
OTHER LIFE SCIENCES................	5,830	2,073	35.6	3,757	64.4	6,726	2,551	37.9	4,175	62.1
PSYCHOLOGY.........................	18,067	5,394	29.9	12,673	70.1	17,841	5,076	28.5	12,765	71.5
SOCIAL SCIENCES....................	47,672	16,953	35.6	30,719	64.4	48,094	16,273	33.8	31,821	66.2
AGRICULTURAL ECONOMICS.............	1,353	506	37.4	847	62.6	1,361	452	33.2	909	66.8
ANTHROPOLOGY.......................	4,655	1,419	30.5	3,236	69.5	4,885	1,398	28.6	3,487	71.4
ECONOMICS (EXCEPT AGRICULTURAL)..	9,251	3,232	34.9	6,019	65.1	9,191	3,105	33.8	6,086	66.2
GEOGRAPHY..........................	2,842	964	33.9	1,878	66.1	2,811	939	33.4	1,872	66.6
HISTORY AND PHILOSOPHY OF SCIENCE	2,497	725	29.0	1,772	71.0	2,432	653	26.9	1,779	73.1
LINGUISTICS........................	2,689	989	36.8	1,700	63.2	2,730	1,009	37.0	1,721	63.0
POLITICAL SCIENCE..................	12,543	4,694	37.4	7,849	62.6	12,695	4,658	36.7	8,037	63.3
SOCIOLOGY..........................	10,675	3,896	36.5	6,779	63.5	10,839	3,552	32.8	7,287	67.2
SOCIOLOGY AND ANTHROPOLOGY.......	1,167	528	45.2	639	54.8	1,150	507	44.1	643	55.9

* AS REPORTED IN 1972.

TABLE A-48. FULL-TIME GRADUATE STUDENTS IN ALL GRADUATE DEPARTMENTS, BY FIELD OF SCIENCE AND LEVEL OF STUDY, 1971 AND 1972*

AREA AND FIELD OF SCIENCE	FALL 1971					FALL 1972				
		FIRST YEAR		BEYOND FIRST YEAR			FIRST YEAR		BEYOND FIRST YEAR	
	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL
TOTAL, ALL FIELDS OF SCIENCE.......	164,764	55,340	33.6	109,424	66.4	161,329	53,414	33.1	107,915	66.9
ENGINEERING..........................	34,430	13,905	40.4	20,525	59.6	32,913	13,414	40.8	19,499	59.2
AERONAUTICAL......................	1,504	550	36.6	954	63.4	1,369	458	33.5	911	66.5
AGRICULTURAL......................	602	265	44.0	337	56.0	527	195	37.0	332	63.0
CHEMICAL..........................	3,412	1,102	32.3	2,310	67.7	3,095	994	32.1	2,101	67.9
CIVIL.............................	5,438	2,835	52.1	2,603	47.9	5,301	2,640	49.8	2,661	50.2
ELECTRICAL........................	8,048	3,232	40.2	4,816	59.8	7,594	3,076	40.5	4,518	59.5
ENGINEERING SCIENCE...............	1,378	356	25.8	1,022	74.2	1,336	427	32.0	909	68.0
INDUSTRIAL........................	3,549	1,625	45.8	1,924	54.2	3,479	1,635	47.0	1,844	53.0
MECHANICAL........................	4,466	1,868	41.8	2,598	58.2	4,302	1,804	41.9	2,498	58.1
METALLURGICAL AND MATERIALS.......	1,764	473	26.8	1,291	73.2	1,642	439	26.7	1,203	73.3
MINING............................	314	117	37.3	197	62.7	296	96	32.4	200	67.6
NUCLEAR...........................	951	352	37.0	599	63.0	944	346	36.7	598	63.3
PETROLEUM.........................	243	81	33.3	162	66.7	218	83	38.1	135	61.9
OTHER ENGINEERING.................	2,761	1,049	38.0	1,712	62.0	2,810	1,221	43.5	1,589	56.5
PHYSICAL SCIENCES....................	30,405	8,081	2[illegible].6	22,324	73.4	28,948	7,65[illegible]	26.5	21,291	73.5
ASTRONOMY.........................	572	128	22.4	444	77.6	538	122	22.7	416	77.3
ATMOSPHERIC SCIENCES..............	872	297	34.1	575	65.9	855	299	35.0	556	65.0
CHEMISTRY.........................	12,948	3,260	25.2	9,688	74.8	12,076	2,979	24.7	9,097	75.3
GEOSCIENCES.......................	4,532	1,614	35.6	2,918	64.4	4,762	1,673	35.1	3,089	64.9
OCEANOGRAPHY......................	1,255	426	33.9	829	66.1	1,324	432	32.6	892	67.4
PHYSICS...........................	10,226	2,356	23.0	7,870	77.0	9,393	2,152	22.9	7,241	77.1
MATHEMATICAL SCIENCES................	13,493	4,803	35.6	8,690	64.4	12,978	4,403	33.9	8,575	66.1
APPLIED MATHEMATICS...............	2,646	971	36.7	1,675	63.3	2,722	916	33.7	1,806	66.3
MATHEMATICS.......................	9,471	3,429	36.2	6,042	63.8	8,968	3,095	34.5	5,873	65.5
STATISTICS........................	1,376	403	29.3	973	70.7	1,288	392	30.4	896	69.6
LIFE SCIENCES........................	36,189	11,019	30.4	25,170	69.6	36,473	11,387	31.2	25,086	68.8
AGRICULTURE.......................	8,294	2,829	34.1	5,465	65.9	8,284	2,810	33.9	5,474	66.1
BIOCHEMISTRY......................	3,647	862	23.6	2,785	76.4	3,613	959	26.5	2,654	73.5
BIOLOGY...........................	7,781	2,344	30.1	5,437	69.9	7,685	2,369	30.8	5,316	69.2
BOTANY............................	2,373	573	24.1	1,800	75.9	2,325	623	26.8	1,702	73.2
MICROBIOLOGY......................	2,471	732	29.6	1,739	70.4	2,511	759	30.2	1,752	69.8
PHARMACOLOGY......................	1,727	473	27.4	1,254	72.6	1,761	497	28.2	1,264	71.8
PHYSIOLOGY........................	1,753	487	27.8	1,266	72.2	1,734	559	32.2	1,175	67.8
ZOOLOGY...........................	3,521	1,104	31.4	2,417	68.6	3,291	908	27.6	2,383	72.4
OTHER LIFE SCIENCES...............	4,622	1,615	34.9	3,007	65.1	5,269	1,903	36.1	3,366	63.9
PSYCHOLOGY...........................	14,995	4,530	30.2	10,465	69.8	15,157	4,466	29.5	10,691	70.5
SOCIAL SCIENCES......................	35,252	13,002	36.9	22,250	63.1	34,860	12,087	34.7	22,773	65.3
AGRICULTURAL ECONOMICS............	1,200	474	39.5	726	60.5	1,210	427	35.3	783	64.7
ANTHROPOLOGY......................	4,047	1,245	30.8	2,802	69.2	4,159	1,224	29.4	2,935	70.6
ECONOMICS (EXCEPT AGRICULTURAL)..	7,063	2,574	36.4	4,489	63.6	6,925	2,418	34.9	4,507	65.1
GEOGRAPHY.........................	2,239	808	36.1	1,431	63.9	2,163	776	35.9	1,387	64.1
HISTORY AND PHILOSOPHY OF SCIENCE	2,041	594	29.1	1,447	70.9	1,924	537	27.9	1,387	72.1
LINGUISTICS.......................	2,076	758	36.5	1,318	63.5	2,024	730	36.1	1,294	63.9
POLITICAL SCIENCE.................	7,762	3,044	39.2	4,718	60.8	7,650	2,869	37.5	4,781	62.5
SOCIOLOGY.........................	7,962	3,085	38.7	4,877	61.3	8,009	2,722	34.0	5,287	66.0
SOCIOLOGY AND ANTHROPOLOGY.......	862	420	48.7	442	51.3	796	384	48.2	412	51.8

* AS REPORTED IN 1972.

TABLE A-4C. PART-TIME GRADUATE STUDENTS IN ALL GRADUATE DEPARTMENTS, BY FIELD OF SCIENCE AND LEVEL OF STUDY, 1971 AND 1972*

AREA AND FIELD OF SCIENCE	FALL 1971					FALL 1972				
		FIRST YEAR		BEYOND FIRST YEAR			FIRST YEAR		BEYOND FIRST YEAR	
	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL
TOTAL, ALL FIELDS OF SCIENCE	49,916	18,251	36.6	31,665	63.4	49,566	17,723	35.8	31,843	64.2
ENGINEERING	19,974	8,517	42.6	11,457	57.4	18,711	7,730	41.3	10,981	58.7
AERONAUTICAL	398	125	31.4	273	68.6	386	119	30.8	267	69.2
AGRICULTURAL	116	28	24.1	88	75.9	110	31	28.2	79	71.8
CHEMICAL	1,305	423	32.4	882	67.6	1,232	349	28.3	883	71.7
CIVIL	2,501	1,238	49.5	1,263	50.5	2,752	1,234	44.8	1,518	55.2
ELECTRICAL	6,156	2,528	41.1	3,628	58.9	5,701	2,618	45.9	3,083	54.1
ENGINEERING SCIENCE	845	565	66.9	280	33.1	759	463	61.0	296	39.0
INDUSTRIAL	2,843	1,303	45.8	1,540	54.2	2,493	914	36.7	1,579	63.3
MECHANICAL	2,764	1,299	47.0	1,465	53.0	2,462	1,049	42.6	1,413	57.4
METALLURGICAL AND MATERIALS	425	109	25.6	316	74.4	423	84	19.9	339	80.1
MINING	36	15	41.7	21	58.3	33	14	42.4	19	57.6
NUCLEAR	198	57	28.8	141	71.2	179	57	31.8	122	68.2
PETROLEUM	44	20	45.5	24	54.5	59	29	49.2	30	50.8
OTHER ENGINEERING	2,343	807	34.4	1,536	65.6	2,122	769	36.2	1,353	63.8
PHYSICAL SCIENCES	4,139	1,097	26.5	3,042	73.5	4,216	1,049	24.9	3,167	75.1
ASTRONOMY	22	5	22.7	17	77.3	49	16	32.7	33	67.3
ATMOSPHERIC SCIENCES	124	29	23.4	95	76.6	134	24	17.9	110	82.1
CHEMISTRY	1,822	518	28.4	1,304	71.6	1,799	474	26.3	1,325	73.7
GEOSCIENCES	646	175	27.1	471	72.9	745	189	25.4	556	74.6
OCEANOGRAPHY	149	65	43.6	84	56.4	180	40	22.2	140	77.8
PHYSICS	1,376	305	22.2	1,071	77.8	1,309	306	23.4	1,003	76.6
MATHEMATICAL SCIENCES	5,034	2,247	44.6	2,787	55.4	5,030	2,277	45.3	2,753	54.7
APPLIED MATHEMATICS	1,068	463	43.4	605	56.6	1,101	470	42.7	631	57.3
MATHEMATICS	3,646	1,655	45.4	1,991	54.6	3,582	1,670	46.6	1,912	53.4
STATISTICS	320	129	40.3	191	59.7	347	137	39.5	210	60.5
LIFE SCIENCES	5,277	1,575	29.8	3,702	70.2	5,691	1,871	32.9	3,820	67.1
AGRICULTURE	1,148	257	22.4	891	77.6	1,279	300	23.5	979	76.5
BIOCHEMISTRY	212	48	22.6	164	77.4	249	65	26.1	184	73.9
BIOLOGY	1,416	453	32.0	963	68.0	1,417	475	33.5	942	66.5
BOTANY	189	20	10.6	169	89.4	191	36	18.8	155	81.2
MICROBIOLOGY	259	81	31.3	178	68.7	244	83	34.0	161	66.0
PHARMACOLOGY	217	84	38.7	133	61.3	261	126	48.3	135	51.7
PHYSIOLOGY	197	63	32.0	134	68.0	216	65	30.1	151	69.9
ZOOLOGY	431	111	25.8	320	74.2	377	73	19.4	304	80.6
OTHER LIFE SCIENCES	1,208	458	37.9	750	62.1	1,457	648	44.5	809	55.5
PSYCHOLOGY	3,072	864	28.1	2,208	71.9	2,684	610	22.7	2,074	77.3
SOCIAL SCIENCES	12,420	3,951	31.8	8,469	68.2	13,234	4,186	31.6	9,048	68.4
AGRICULTURAL ECONOMICS	153	32	20.9	121	79.1	151	25	16.6	126	83.4
ANTHROPOLOGY	608	174	28.6	434	71.4	726	174	24.0	552	76.0
ECONOMICS (EXCEPT AGRICULTURAL)	2,188	658	30.1	1,530	69.9	2,266	687	30.3	1,579	69.7
GEOGRAPHY	603	156	25.9	447	74.1	648	163	25.2	485	74.8
HISTORY AND PHILOSOPHY OF SCIENCE	456	131	28.7	325	71.3	508	116	22.8	392	77.2
LINGUISTICS	613	231	37.7	382	62.3	706	279	39.5	427	60.5
POLITICAL SCIENCE	4,781	1,650	34.5	3,131	65.5	5,045	1,789	35.5	3,256	64.5
SOCIOLOGY	2,713	811	29.9	1,902	70.1	2,830	830	29.3	2,000	70.7
SOCIOLOGY AND ANTHROPOLOGY	305	108	35.4	197	64.6	354	123	34.7	231	65.3

* AS REPORTED IN 1972.

TABLE A-5. GRADUATE STUDENTS IN ALL GRADUATE DEPARTMENTS, BY STATE, ENROLLMENT STATUS, AND SOURCE OF MAJOR SUPPORT, 1972

DIVISION AND STATE	TOTAL		FULL TIME						PART TIME	
			TOTAL		SUPPORTED BY U.S. GOVERNMENT SOURCES		SUPPORTED BY NON-U.S. GOVERNMENT SOURCES			
	NUMBER	PERCENT DISTRI-BUTION	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF FULL-TIME TOTAL	NUMBER	PERCENT OF FULL-TIME TOTAL	NUMBER	PERCENT OF TOTAL
UNITED STATES, TOTAL..........	210,895	100.0	161,329	76.5	46,955	29.1	114,374	70.9	49,566	23.5
NEW ENGLAND..................	15,852	7.5	13,768	86.9	4,469	32.5	9,299	67.5	2,084	13.1
MAINE........................	328	.2	301	91.8	48	15.9	253	84.1	27	8.2
NEW HAMPSHIRE................	689	.3	578	83.9	183	31.7	395	68.3	111	16.1
VERMONT......................	394	.2	320	81.2	66	20.6	254	79.4	74	18.8
MASSACHUSETTS................	10,233	4.9	8,928	87.2	3,014	33.8	5,914	66.2	1,305	12.8
RHODE ISLAND.................	1,554	.7	1,297	83.5	466	35.9	831	64.1	257	16.5
CONNECTICUT..................	2,654	1.3	2,344	88.3	692	29.5	1,652	70.5	310	11.7
MIDDLE ATLANTIC..............	44,312	21.0	26,855	60.6	7,389	27.5	19,466	72.5	17,457	39.4
NEW YORK.....................	26,725	12.7	16,032	60.0	4,237	26.4	11,795	73.6	10,693	40.0
NEW JERSEY...................	5,992	2.8	2,979	49.7	879	29.5	2,100	70.5	3,013	50.3
PENNSYLVANIA.................	11,595	5.5	7,844	67.6	2,273	29.0	5,571	71.0	3,751	32.4
EAST NORTH CENTRAL...........	41,558	19.7	34,675	83.4	9,650	27.8	25,025	72.2	6,883	16.6
OHIO.........................	10,192	4.8	7,440	73.0	1,936	26.0	5,504	74.0	2,752	27.0
INDIANA......................	5,891	2.8	5,155	87.5	1,338	26.0	3,817	74.0	736	12.5
ILLINOIS.....................	10,637	5.0	9,227	86.7	2,831	30.7	6,396	69.3	1,410	13.3
MICHIGAN.....................	9,318	4.4	7,939	85.2	1,760	22.2	6,179	77.8	1,379	14.8
WISCONSIN....................	5,520	2.6	4,914	89.0	1,785	36.3	3,129	63.7	606	11.0
WEST NORTH CENTRAL...........	16,140	7.7	12,694	78.6	3,680	29.0	9,014	71.0	3,446	21.4
MINNESOTA....................	3,153	1.5	2,761	87.6	756	27.4	2,005	72.6	392	12.4
IOWA.........................	3,323	1.6	2,605	78.4	700	26.9	1,905	73.1	718	21.6
MISSOURI.....................	4,591	2.2	3,313	72.2	962	29.0	2,351	71.0	1,278	27.8
NORTH DAKOTA.................	463	.2	385	83.2	82	21.3	303	78.7	78	16.8
SOUTH DAKOTA.................	705	.3	559	79.3	252	45.1	307	54.9	146	20.7
NEBRASKA.....................	1,095	.5	779	71.1	183	23.5	596	76.5	316	28.9
KANSAS.......................	2,810	1.3	2,292	81.6	745	32.5	1,547	67.5	518	18.4
SOUTH ATLANTIC...............	25,859	12.3	19,047	73.7	5,670	29.8	13,377	70.2	6,812	26.3
DELAWARE.....................	741	.4	436	58.8	108	24.8	328	75.2	305	41.2
MARYLAND.....................	4,421	2.1	2,954	66.8	1,030	34.9	1,924	65.1	1,467	33.2
DISTRICT OF COLUMBIA.........	3,711	1.8	1,775	47.8	389	21.9	1,386	78.1	1,936	52.2
VIRGINIA.....................	2,602	1.2	2,009	77.2	554	27.6	1,455	72.4	593	22.8
WEST VIRGINIA................	1,145	.5	838	73.2	243	29.0	595	71.0	307	26.8
NORTH CAROLINA...............	3,747	1.8	3,265	87.1	1,230	37.7	2,035	62.3	482	12.9
SOUTH CAROLINA...............	1,449	.7	1,111	76.7	247	22.2	864	77.8	338	23.3
GEORGIA......................	3,431	1.6	2,808	81.8	639	22.8	2,169	77.2	623	18.2
FLORIDA......................	4,612	2.2	3,851	83.5	1,230	31.9	2,621	68.1	761	16.5
EAST SOUTH CENTRAL...........	6,643	3.1	5,268	79.3	1,380	26.2	3,888	73.8	1,375	20.7
KENTUCKY.....................	1,331	.6	1,080	81.1	307	28.4	773	71.6	251	18.9
TENNESSEE....................	3,027	1.4	2,275	75.2	635	27.9	1,640	72.1	752	24.8
ALABAMA......................	1,269	.6	1,050	82.7	274	26.1	776	73.9	219	17.3
MISSISSIPPI..................	1,016	.5	863	84.9	164	19.0	699	81.0	153	15.1
WEST SOUTH CENTRAL...........	17,603	8.3	12,517	71.1	2,968	23.7	9,549	76.3	5,086	28.9
ARKANSAS.....................	716	.3	570	79.6	122	21.4	448	78.6	146	20.4
LOUISIANA....................	2,405	1.1	1,895	78.8	405	21.4	1,490	78.6	510	21.2
OKLAHOMA.....................	4,466	2.1	2,413	54.0	668	27.7	1,745	72.3	2,053	46.0
TEXAS........................	10,016	4.7	7,639	76.3	1,773	23.2	5,866	76.8	2,377	23.7
MOUNTAIN.....................	13,191	6.3	10,974	83.2	3,080	28.1	7,894	71.9	2,217	16.8
MONTANA......................	597	.3	560	93.8	150	26.8	410	73.2	37	6.2
IDAHO........................	687	.3	580	84.4	132	22.8	448	77.2	107	15.6
WYOMING......................	539	.3	490	90.9	122	24.9	368	75.1	49	9.1
COLORADO.....................	4,010	1.9	3,480	86.8	1,151	33.1	2,329	66.9	530	13.2
NEW MEXICO...................	1,530	.7	1,046	68.4	262	25.0	784	75.0	484	31.6
ARIZONA......................	3,204	1.5	2,522	78.7	587	23.3	1,935	76.7	682	21.3
UTAH.........................	2,228	1.1	1,969	88.4	606	30.8	1,363	69.2	259	11.6
NEVADA.......................	396	.2	327	82.6	70	21.4	257	78.6	69	17.4
PACIFIC......................	29,111	13.8	25,200	86.6	8,632	34.3	16,568	65.7	3,911	13.4
WASHINGTON...................	2,785	1.3	2,371	85.1	819	34.5	1,552	65.5	414	14.9
OREGON.......................	2,554	1.2	2,215	86.7	725	32.7	1,490	67.3	339	13.3
CALIFORNIA...................	22,123	10.5	19,128	86.5	6,549	34.2	12,579	65.8	2,995	13.5
ALASKA.......................	179	.1	152	84.9	61	40.1	91	59.9	27	15.1
HAWAII.......................	1,470	.7	1,334	90.7	478	35.8	856	64.2	136	9.3
OUTLYING AREAS...............	626	.3	331	52.9	37	11.2	294	88.8	295	47.1

TABLE A-6. FULL-TIME GRADUATE STUDENTS IN ALL GRADUATE DEPARTMENTS, BY FIELD OF SCIENCE AND CITIZENSHIP, 1972

AREA AND FIELD OF SCIENCE	TOTAL		U.S. CITIZENS		FOREIGN STUDENTS	
	NUMBER	PERCENT DISTRI-BUTION	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL
TOTAL, ALL FIELDS OF SCIENCE..............	161,329	100.0	130,831	81.1	30,498	18.9
ENGINEERING..............................	32,913	20.4	21,565	65.5	11,348	34.5
AERONAUTICAL............................	1,369	.8	992	72.5	377	27.5
AGRICULTURAL............................	527	.3	302	57.3	225	42.7
CHEMICAL................................	3,095	1.9	1,763	57.0	1,332	43.0
CIVIL...................................	5,301	3.3	3,509	66.2	1,792	33.8
ELECTRICAL..............................	7,594	4.7	5,022	66.1	2,572	33.9
ENGINEERING SCIENCE.....................	1,336	.8	817	61.2	519	38.8
INDUSTRIAL..............................	3,479	2.2	2,483	71.4	996	28.6
MECHANICAL..............................	4 302	2.7	2,793	64.9	1,509	35.1
METALLURGICAL AND MATERIALS.............	1,642	1.0	1,018	62.0	624	38.0
MINING..................................	296	.2	145	49.0	151	51.0
NUCLEAR.................................	944	.6	700	74.2	244	25.8
PETROLEUM...............................	218	.1	87	39.9	131	60.1
OTHER ENGINEERING.......................	2,810	1.7	1,934	68.8	876	31.2
PHYSICAL SCIENCES........................	28,948	17.9	23,280	80.4	5,668	19.6
ASTRONOMY...............................	538	.3	493	91.6	45	8.4
ATMOSPHERIC SCIENCES....................	855	.5	710	83.0	145	17.0
CHEMISTRY...............................	12,076	7.5	9,640	79.8	2,436	20.2
GEOSCIENCES.............................	4,762	3.0	4,189	88.0	573	12.0
OCEANOGRAPHY............................	1,324	.8	1,185	89.5	139	10.5
PHYSICS.................................	9,393	5.8	7,063	75.2	2,330	24.8
MATHEMATICAL SCIENCES....................	12,978	8.0	10,594	81.6	2,384	18.4
APPLIED MATHEMATICS.....................	2,722	1.7	2,151	79.0	571	21.0
MATHEMATICS.............................	8,968	5.6	7,548	84.2	1,420	15.8
STATISTICS..............................	1,288	.8	895	69.5	393	30.5
LIFE SCIENCES............................	36,473	22.6	30,969	84.9	5,504	15.1
AGRICULTURE.............................	8,284	5.1	6,053	73.1	2,231	26.9
BIOCHEMISTRY............................	3,613	2.2	3,035	84.0	578	16.0
BIOLOGY.................................	7,685	4.8	7,088	92.2	597	7.8
BOTANY..................................	2,325	1.4	1,936	83.3	389	16.7
MICROBIOLOGY............................	2,511	1.6	2,198	87.5	313	12.5
PHARMACOLOGY............................	1,761	1.1	1,352	76.8	409	23.2
PHYSIOLOGY..............................	1,734	1.1	1,562	90.1	172	9.9
ZOOLOGY.................................	3,291	2.0	3,103	94.3	188	5.7
OTHER LIFE SCIENCES.....................	5,269	3.3	4,642	88.1	627	11.9
PSYCHOLOGY...............................	15,157	9.4	14,645	96.6	512	3.4
SOCIAL SCIENCES..........................	34,860	21.6	29,778	85.4	5,082	14.6
AGRICULTURAL ECONOMICS..................	1,210	.8	785	64.9	425	35.1
ANTHROPOLOGY............................	4,159	2.6	3,890	93.5	269	6.5
ECONOMICS (EXCEPT AGRICULTURAL).........	6,925	4.3	5,060	73.1	1,865	26.9
GEOGRAPHY...............................	2,163	1.3	1,883	87.1	280	12.9
HISTORY AND PHILOSOPHY OF SCIENCE.......	1,924	1.2	1,812	94.2	112	5.8
LINGUISTICS.............................	2,024	1.3	1,683	83.2	341	16.8
POLITICAL SCIENCE.......................	7,650	4.7	6,750	88.2	900	11.8
SOCIOLOGY...............................	8,009	5.0	7,196	89.8	813	10.2
SOCIOLOGY AND ANTHROPOLOGY..............	796	.5	719	90.3	77	9.7

TABLE A-7. FULL-TIME GRADUATE STUDENTS IN ALL GRADUATE DEPARTMENTS, BY FIELD OF SCIENCE, CITIZENSHIP, AND LEVEL OF STUDY, 1972

AREA AND FIELD OF SCIENCE	U.S. CITIZENS					FOREIGN STUDENTS				
		FIRST YEAR		BEYOND FIRST YEAR			FIRST YEAR		BEYOND FIRST YEAR	
	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL
TOTAL, ALL FIELDS OF SCIENCE........	130,831	44,116	33.7	86,715	66.3	30,498	9,298	30.5	21,200	69.5
ENGINEERING.........................	21,565	9,540	44.2	12,025	55.8	11,348	3,874	34.1	7,474	65.9
AERONAUTICAL........................	992	360	36.3	632	63.7	377	98	26.0	279	74.0
AGRICULTURAL........................	302	126	41.7	176	58.3	225	69	30.7	156	69.3
CHEMICAL............................	1,763	635	36.0	1,128	64.0	1,332	359	27.0	973	73.0
CIVIL...............................	3,509	1,954	55.7	1,555	44.3	1,792	686	38.3	1,106	61.7
ELECTRICAL..........................	5,022	2,175	43.3	2,847	56.7	2,572	901	35.0	1,671	65.0
ENGINEERING SCIENCE.................	817	295	36.1	522	63.9	519	132	25.4	387	74.6
INDUSTRIAL..........................	2,483	1,216	49.0	1,267	51.0	996	419	42.1	577	57.9
MECHANICAL..........................	2,793	1,231	44.1	1,562	55.9	1,509	573	38.0	936	62.0
METALLURGICAL AND MATERIALS.........	1,018	304	29.9	714	70.1	624	135	21.6	489	78.4
MINING..............................	145	62	42.8	83	57.2	151	34	22.5	117	77.5
NUCLEAR.............................	700	284	40.6	416	59.4	244	62	25.4	182	74.6
PETROLEUM...........................	87	33	37.9	54	62.1	131	50	38.2	81	61.8
OTHER ENGINEERING...................	1,934	865	44.7	1,069	55.3	876	356	40.6	520	59.4
PHYSICAL SCIENCES...................	23,280	6,296	27.0	16,984	73.0	5,668	1,361	24.0	4,307	76.0
ASTRONOMY...........................	493	113	22.9	380	77.1	45	9	20.0	36	80.0
ATMOSPHERIC SCIENCES................	710	253	35.6	457	64.4	145	46	31.7	99	68.3
CHEMISTRY...........................	9,640	2,367	24.6	7,273	75.4	2,436	612	25.1	1,824	74.9
GEOSCIENCES.........................	4,189	1,531	36.5	2,658	63.5	573	142	24.8	431	75.2
OCEANOGRAPHY........................	1,185	384	32.4	801	67.6	139	48	34.5	91	65.5
PHYSICS.............................	7,063	1,648	23.3	5,415	76.7	2,330	504	21.6	1,826	78.4
MATHEMATICAL SCIENCES...............	10,594	3,764	35.5	6,830	64.5	2,384	639	26.8	1,745	73.2
APPLIED MATHEMATICS.................	2,151	756	35.1	1,395	64.9	571	160	28.0	411	72.0
MATHEMATICS.........................	7,548	2,721	36.0	4,827	64.0	1,420	374	26.3	1,046	73.7
STATISTICS..........................	895	287	32.1	608	67.9	393	105	26.7	288	73.3
LIFE SCIENCES.......................	30,969	9,802	31.7	21,167	68.3	5,504	,585	28.8	3,919	71.2
AGRICULTURE.........................	6,053	2,136	35.3	3,917	64.7	2,231	674	30.2	1,557	69.8
BIOCHEMISTRY........................	3,035	798	26.3	2,237	73.7	578	161	27.9	417	72.1
BIOLOGY.............................	7,088	2,210	31.2	4,878	68.8	597	159	26.6	438	73.4
BOTANY..............................	1,936	536	27.7	1,400	72.3	389	87	22.4	302	77.6
MICROBIOLOGY........................	2,198	662	30.1	1,536	69.9	313	97	31.0	216	69.0
PHARMACOLOGY........................	1,352	384	28.4	968	71.6	409	113	27.6	296	72.4
PHYSIOLOGY..........................	1,562	512	32.8	1,050	67.2	172	47	27.3	125	72.7
ZOOLOGY.............................	3,103	861	27.7	2,242	72.3	188	47	25.0	141	75.0
OTHER LIFE SCIENCES.................	4,642	1,703	36.7	2,939	63.3	627	200	31.9	427	68.1
PSYCHOLOGY..........................	14,645	4,336	29.6	10,309	70.4	512	130	25.4	382	74.6
SOCIAL SCIENCES.....................	29,778	10,378	34.9	19,400	65.1	5,082	1,709	33.6	3,373	66.4
AGRICULTURAL ECONOMICS..............	785	273	34.8	512	65.2	425	154	36.2	271	63.8
ANTHROPOLOGY........................	3,890	1,137	29.2	2,753	70.8	269	87	32.3	182	67.7
ECONOMICS (EXCEPT AGRICULTURAL)...	5,060	1,778	35.1	3,282	64.9	1,865	640	34.3	1,225	65.7
GEOGRAPHY...........................	1,883	672	35.7	1,211	64.3	280	104	37.1	176	62.9
HISTORY AND PHILOSOPHY OF SCIENCE.	1,812	503	27.8	1,309	72.2	112	34	30.4	78	69.6
LINGUISTICS.........................	1,683	619	36.8	1,064	63.2	341	111	32.6	230	67.4
POLITICAL SCIENCE...................	6,750	2,569	38.1	4,181	61.9	900	300	33.3	600	66.7
SOCIOLOGY...........................	7,196	2,467	34.3	4,729	65.7	813	255	31.4	558	68.6
SOCIOLOGY AND ANTHROPOLOGY.........	719	360	50.1	359	49.9	77	24	31.2	53	68.8

TABLE A-8. FULL-TIME GRADUATE STUDENTS IN ALL GRADUATE DEPARTMENTS, BY FIELD OF SCIENCE AND SEX OF STUDENT, 1972

AREA AND FIELD OF SCIENCE	TOTAL		MEN		WOMEN	
	NUMBER	PERCENT DISTRIBUTION	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL
TOTAL, ALL FIELDS OF SCIENCE	161,329	100.0	132,131	81.9	29,198	18.1
ENGINEERING	32,913	20.4	32,016	97.3	897	2.7
AERONAUTICAL	1,369	.8	1,353	98.8	16	1.2
AGRICULTURAL	527	.3	518	98.3	9	1.7
CHEMICAL	3,095	1.9	3,006	97.1	89	2.9
CIVIL	5,301	3.3	5,166	97.5	135	2.5
ELECTRICAL	7,594	4.7	7,452	98.1	142	1.9
ENGINEERING SCIENCE	1,336	.8	1,295	96.9	41	3.1
INDUSTRIAL	3,479	2.2	3,276	94.2	203	5.8
MECHANICAL	4,302	2.7	4,257	99.0	45	1.0
METALLURGICAL AND MATERIALS	1,642	1.0	1,596	97.2	46	2.8
MINING	296	.2	288	97.3	8	2.7
NUCLEAR	944	.6	927	98.2	17	1.8
PETROLEUM	218	.1	216	99.1	2	.9
OTHER ENGINEERING	2,810	1.7	2,666	94.9	144	5.1
PHYSICAL SCIENCES	28,948	17.9	25,787	89.1	3,161	10.9
ASTRONOMY	538	.3	484	90.0	54	10.0
ATMOSPHERIC SCIENCES	855	.5	808	94.5	47	5.5
CHEMISTRY	12,076	7.5	10,220	84.6	1,856	15.4
GEOSCIENCES	4,762	3.0	4,272	89.7	490	10.3
OCEANOGRAPHY	1,324	.8	1,181	89.2	143	10.8
PHYSICS	9,393	5.8	8,822	93.9	571	6.1
MATHEMATICAL SCIENCES	12,978	8.0	10,595	81.6	2,383	18.4
APPLIED MATHEMATICS	2,722	1.7	2,361	86.7	361	13.3
MATHEMATICS	8,968	5.6	7,225	80.6	1,743	19.4
STATISTICS	1,288	.8	1,009	78.3	279	21.7
LIFE SCIENCES	36,473	22.6	28,082	77.0	8,391	23.0
AGRICULTURE	8,284	5.1	7,174	86.6	1,110	13.4
BIOCHEMISTRY	3,613	2.2	2,779	76.9	834	23.1
BIOLOGY	7,685	4.8	5,378	70.0	2,307	30.0
BOTANY	2,325	1.4	1,813	78.0	512	22.0
MICROBIOLOGY	2,511	1.6	1,732	69.0	779	31.0
PHARMACOLOGY	1,761	1.1	1,432	81.3	329	18.7
PHYSIOLOGY	1,734	1.1	1,360	78.4	374	21.6
ZOOLOGY	3,291	2.0	2,570	78.1	721	21.9
OTHER LIFE SCIENCES	5,269	3.3	3,844	73.0	1,425	27.0
PSYCHOLOGY	15,157	9.4	9,770	64.5	5,387	35.5
SOCIAL SCIENCES	34,860	21.6	25,881	74.2	8,979	25.8
AGRICULTURAL ECONOMICS	1,210	.8	1,137	94.0	73	6.0
ANTHROPOLOGY	4,159	2.6	2,443	58.7	1,716	41.3
ECONOMICS (EXCEPT AGRICULTURAL)	6,925	4.3	6,105	88.2	820	11.8
GEOGRAPHY	2,163	1.3	1,814	83.9	349	16.1
HISTORY AND PHILOSOPHY OF SCIENCE	1,924	1.2	1,454	75.6	470	24.4
LINGUISTICS	2,024	1.3	1,051	51.9	973	48.1
POLITICAL SCIENCE	7,650	4.7	6,265	81.9	1,385	18.1
SOCIOLOGY	8,009	5.0	5,157	64.4	2,852	35.6
SOCIOLOGY AND ANTHROPOLOGY	796	.5	455	57.2	341	42.8

TABLE A-9. FULL-TIME GRADUATE STUDENTS IN ALL GRADUATE DEPARTMENTS, BY FIELD OF SCIENCE, SEX OF STUDENT, AND LEVEL OF STUDY, 1972

AREA AND FIELD OF SCIENCE	MEN					WOMEN				
		FIRST YEAR		BEYOND FIRST YEAR			FIRST YEAR		BEYOND FIRST YEAR	
	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL
TOTAL, ALL FIELDS OF SCIENCE........	132,131	42,807	32.4	89,324	67.6	29,198	10,607	36.3	18,591	63.7
ENGINEERING..........................	32,016	12,997	40.6	19,019	59.4	897	417	46.5	480	53.5
AERONAUTICAL........................	1,353	448	33.1	905	66.9	16	10	62.5	6	37.5
AGRICULTURAL........................	518	193	37.3	325	62.7	9	2	22.2	7	77.8
CHEMICAL............................	3,006	954	31.7	2,052	68.3	89	40	44.9	49	55.1
CIVIL...............................	5,166	2,568	49.7	2,598	50.3	135	72	53.3	63	46.7
ELECTRICAL..........................	7,452	3,016	40.5	4,436	59.5	142	60	42.3	82	57.7
ENGINEERING SCIENCE.................	1,295	414	32.0	881	68.0	41	13	31.7	28	68.3
INDUSTRIAL..........................	3,276	1,524	46.5	1,752	53.5	203	111	54.7	92	45.3
MECHANICAL..........................	4,257	1,787	42.0	2,470	58.0	45	17	37.8	28	62.2
METALLURGICAL AND MATERIALS........	1,596	430	26.9	1,166	73.1	46	9	19.6	37	80.4
MINING..............................	288	93	32.3	195	67.7	8	3	37.5	5	62.5
NUCLEAR.............................	927	341	36.8	586	63.2	17	5	29.4	12	70.6
PETROLEUM...........................	216	83	38.4	133	61.6	2		.0	2	100.0
OTHER ENGINEERING...................	2,666	1,146	43.0	1,520	57.0	144	75	52.1	69	47.9
PHYSICAL SCIENCES....................	25,787	6,587	25.5	9,200	74.5	3,161	1,070	33.9	2,091	66.1
ASTRONOMY...........................	484	99	20.5	385	79.5	54	23	42.6	31	57.4
ATMOSPHERIC SCIENCES................	808	281	34.8	527	65.2	47	18	38.3	29	61.7
CHEMISTRY...........................	10,220	2,418	23.7	7,802	76.3	1,856	561	30.2	1,295	69.8
GEOSCIENCES.........................	4,272	1,446	33.8	2,826	66.2	490	227	46.3	263	53.7
OCEANOGRAPHY........................	1,181	372	31.5	809	68.5	143	60	42.0	83	58.0
PHYSICS.............................	8,822	1,971	22.3	6,851	77.7	571	181	31.7	390	68.3
MATHEMATICAL SCIENCES................	10,595	3,391	32.0	7,204	68.0	2,383	1,012	42.5	1,371	57.5
APPLIED MATHEMATICS.................	2,361	765	32.4	1,596	67.6	361	151	41.8	210	58.2
MATHEMATICS.........................	7,225	2,356	32.6	4,869	67.4	1,743	739	42.4	1,004	57.6
STATISTICS..........................	1,009	270	26.8	739	73.2	279	122	43.7	157	56.3
LIFE SCIENCES........................	28,082	8,379	29.8	19,703	70.2	8,391	3,008	35.8	5,383	64.2
AGRICULTURE.........................	7,174	2,335	32.5	4,839	67.5	1,110	475	42.8	635	57.2
BIOCHEMISTRY........................	2,779	715	25.7	2,064	74.3	834	244	29.3	590	70.7
BIOLOGY.............................	5,378	1,610	29.9	3,768	70.1	2,307	759	32.9	1,548	67.1
BOTANY..............................	1,813	437	24.1	1,376	75.9	512	186	36.3	326	63.7
MICROBIOLOGY........................	1,732	516	29.8	1,216	70.2	779	243	31.2	536	68.8
PHARMACOLOGY........................	1,432	387	27.0	1,045	73.0	329	110	33.4	219	66.6
PHYSIOLOGY..........................	1,360	415	30.5	945	69.5	374	144	38.5	230	61.5
ZOOLOGY.............................	2,570	692	26.9	1,878	73.1	721	216	30.0	505	70.0
OTHER LIFE SCIENCES.................	3,844	1,272	33.1	2,572	66.9	1,425	631	44.3	794	55.7
PSYCHOLOGY...........................	9,770	2,716	27.8	7,054	72.2	5,387	1,750	32.5	3,637	67.5
SOCIAL SCIENCES......................	25,881	8,737	33.8	17,144	66.2	8,979	3,350	37.3	5,629	62.7
AGRICULTURAL ECONOMICS..............	1,137	390	34.3	747	65.7	73	37	50.7	36	49.3
ANTHROPOLOGY........................	2,443	685	28.0	1,758	72.0	1,716	539	31.4	1,177	68.6
ECONOMICS (EXCEPT AGRICULTURAL)...	6,105	2,075	34.0	4,030	66.0	820	343	41.8	477	58.2
GEOGRAPHY...........................	1,814	631	34.8	1,183	65.2	349	145	41.5	204	58.5
HISTORY AND PHILOSOPHY OF SCIENCE.	1,454	397	27.3	1,057	72.7	470	140	29.8	330	70.2
LINGUISTICS.........................	1,051	348	33.1	703	66.9	973	382	39.3	591	60.7
POLITICAL SCIENCE...................	6,265	2,299	36.7	3,966	63.3	1,385	570	41.2	815	58.8
SOCIOLOGY...........................	5,157	1,700	33.0	3,457	67.0	2,852	1,022	35.8	1,830	64.2
SOCIOLOGY AND ANTHROPOLOGY.........	455	212	46.6	243	53.4	341	172	50.4	169	49.6

TABLE A-10. FULL-TIME GRADUATE STUDENTS IN ALL GRADUATE DEPARTMENTS, BY FIELD OF SCIENCE AND TYPE OF MAJOR SUPPORT, 1972

AREA AND FIELD OF SCIENCE	TOTAL		FELLOWSHIPS AND TRAINEESHIPS		RESEARCH ASSISTANTSHIPS		TEACHING ASSISTANTSHIPS		OTHER TYPES OF SUPPORT	
	NUMBER	PERCENT DISTRI-BUTION	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL
TOTAL, ALL FIELDS OF SCIENCE........	161,329	100.0	34,720	21.5	34,199	21.2	40,723	25.2	51,687	32.0
ENGINEERING........................	32,913	20.4	5,542	16.8	9,811	29.8	4,926	15.0	12,634	38.4
AERONAUTICAL......................	1,369	.8	169	12.3	602	44.0	144	10.5	454	33.2
AGRICULTURAL......................	527	.3	82	15.6	241	45.7	46	8.7	158	30.0
CHEMICAL..........................	3,095	1.9	717	23.2	1,220	39.4	512	16.5	646	20.9
CIVIL.............................	5,301	3.3	1,318	24.9	1,373	25.9	621	11.7	1,989	37.5
ELECTRICAL........................	7,594	4.7	912	12.0	2,068	27.2	1,475	19.4	3,139	41.3
ENGINEERING SCIENCE...............	1,336	.8	214	16.0	463	34.7	343	25.7	316	23.7
INDUSTRIAL........................	3,479	2.2	387	11.1	537	15.4	406	11.7	2,149	61.8
MECHANICAL........................	4,302	2.7	627	14.6	1,236	28.7	735	17.1	1,704	39.6
METALLURGICAL AND MATERIALS.......	1,642	1.0	236	14.4	897	54.6	192	11.7	317	19.3
MINING............................	296	.2	52	17.6	142	48.0	39	13.2	63	21.3
NUCLEAR...........................	944	.6	237	25.1	288	30.5	101	10.7	318	33.7
PETROLEUM.........................	218	.1	70	32.1	69	31.7	26	11.9	53	24.3
OTHER ENGINEERING.................	2,810	1.7	521	18.5	675	24.0	286	10.2	1,328	47.3
PHYSICAL SCIENCES..................	28,948	17.9	4,179	14.4	8,846	30.6	11,390	39.3	4,533	15.7
ASTRONOMY.........................	538	.3	110	20.4	172	32.0	146	27.1	110	20.4
ATMOSPHERIC SCIENCES..............	855	.5	133	15.6	431	50.4	59	6.9	232	27.1
CHEMISTRY.........................	12,076	7.5	1,888	15.6	3,227	26.7	5,959	49.3	1,002	8.3
GEOSCIENCES.......................	4,762	3.0	628	13.2	1,168	24.5	1,522	32.0	1,444	30.3
OCEANOGRAPHY......................	1,324	.8	171	12.9	739	55.8	52	3.9	362	27.3
PHYSICS...........................	9,393	5.8	1,249	13.3	3,109	33.1	3,652	38.9	1,383	14.7
MATHEMATICAL SCIENCES..............	12,978	8.0	1,710	13.2	1,243	9.6	5,987	46.1	4,038	31.1
APPLIED MATHEMATICS...............	2,722	1.7	225	8.3	642	23.6	583	21.4	1,272	46.7
MATHEMATICS.......................	8,968	5.6	1,189	13.3	377	4.2	5,026	56.0	2,376	26.5
STATISTICS........................	1,288	.8	296	23.0	224	17.4	378	29.3	390	30.3
LIFE SCIENCES......................	36,473	22.6	10,477	28.7	8,706	23.9	7,820	21.4	9,470	26.0
AGRICULTURE.......................	8,284	5.1	1,268	15.3	4,059	49.0	589	7.1	2,368	28.6
BIOCHEMISTRY......................	3,613	2.2	1,666	46.1	928	25.7	531	14.7	488	13.5
BIOLOGY...........................	7,685	4.8	1,964	25.6	785	10.2	2,666	34.7	2,270	29.5
BOTANY............................	2,325	1.4	302	13.0	643	27.7	821	35.3	559	24.0
MICROBIOLOGY......................	2,511	1.6	975	38.8	397	15.8	614	24.5	525	20.9
PHARMACOLOGY......................	1,761	1.1	750	42.6	308	17.5	353	20.0	350	19.9
PHYSIOLOGY........................	1,734	1.1	651	37.5	294	17.0	311	17.9	478	27.6
ZOOLOGY...........................	3,291	2.0	485	14.7	572	17.4	1,374	41.8	860	26.1
OTHER LIFE SCIENCES...............	5,269	3.3	2,416	45.9	720	13.7	561	10.6	1,572	29.8
PSYCHOLOGY.........................	15,157	9.4	4,523	29.8	1,788	11.8	3,171	20.9	5,675	37.4
SOCIAL SCIENCES....................	34,860	21.6	8,289	23.8	3,805	10.9	7,429	21.3	15,337	44.0
AGRICULTURAL ECONOMICS............	1,210	.8	173	14.3	645	53.3	85	7.0	307	25.4
ANTHROPOLOGY......................	4,159	2.6	963	23.2	253	6.1	803	19.3	2,140	51.5
ECONOMICS (EXCEPT AGRICULTURAL)...	6,925	4.3	1,624	23.5	905	13.1	1,566	22.6	2,830	40.9
GEOGRAPHY.........................	2,163	1.3	313	14.5	211	9.8	751	34.7	888	41.1
HISTORY AND PHILOSOPHY OF SCIENCE.	1,924	1.2	513	26.7	67	3.5	591	30.7	753	39.1
LINGUISTICS.......................	2,024	1.3	713	35.2	159	7.9	417	20.6	735	36.3
POLITICAL SCIENCE.................	7,650	4.7	1,837	24.0	485	6.3	1,433	18.7	3,895	50.9
SOCIOLOGY.........................	8,009	5.0	2,033	25.4	909	11.3	1,594	19.9	3,473	43.4
SOCIOLOGY AND ANTHROPOLOGY........	796	.5	120	15.1	171	21.5	189	23.7	316	39.7

TABLE A-11. FULL-TIME GRADUATE STUDENTS IN ALL GRADUATE DEPARTMENTS, BY AREA OF SCIENCE, CITIZENSHIP, AND TYPE OF MAJOR SUPPORT, 1972

AREA OF SCIENCE	TOTAL	FELLOWSHIPS AND TRAINEESHIPS	RESEARCH ASSISTANTSHIPS	TEACHING ASSISTANTSHIPS	OTHER TYPES OF SUPPORT
TOTAL, ALL AREAS OF SCIENCE	161,329	34,720	34,199	40,723	51,687
ENGINEERING	32,913	5,542	9,811	4,926	12,634
PHYSICAL SCIENCES	28,968	4,179	8,846	11,390	4,533
MATHEMATICAL SCIENCES	12,978	1,710	1,243	5,987	4,038
LIFE SCIENCES	36,473	10,477	8,706	7,820	9,470
PSYCHOLOGY	15,157	4,523	1,788	3,171	5,675
SOCIAL SCIENCES	34,860	8,289	3,805	7,429	15,337
U.S. CITIZENS, TOTAL	130,831	29,831	25,361	33,912	41,727
ENGINEERING	21,565	4,367	5,682	3,262	8,254
PHYSICAL SCIENCES	23,280	3,556	6,999	8,986	3,739
MATHEMATICAL SCIENCES	10,594	1,443	908	5,017	3,226
LIFE SCIENCES	30,969	9,219	6,937	7,031	7,782
PSYCHOLOGY	14,645	4,406	1,683	3,038	5,518
SOCIAL SCIENCES	29,778	6,840	3,152	6,578	13,208
FOREIGN STUDENTS, TOTAL	30,498	4,889	8,838	6,811	9,960
ENGINEERING	11,348	1,175	4,129	1,664	4,380
PHYSICAL SCIENCES	5,668	623	1,847	2,404	794
MATHEMATICAL SCIENCES	2,384	267	335	970	812
LIFE SCIENCES	5,504	1,258	1,769	789	1,688
PSYCHOLOGY	512	117	105	133	157
SOCIAL SCIENCES	5,082	1,449	653	851	2,129
			PERCENT DISTRIBUTION		
TOTAL, ALL AREAS OF SCIENCE	100.0	100.0	100.0	100.0	100.0
ENGINEERING	20.4	16.0	28.7	12.1	24.4
PHYSICAL SCIENCES	17.9	12.0	25.9	28.0	8.8
MATHEMATICAL SCIENCES	8.0	4.9	3.6	14.7	7.8
LIFE SCIENCES	22.6	30.2	25.5	19.2	18.3
PSYCHOLOGY	9.4	13.0	5.2	7.8	11.0
SOCIAL SCIENCES	21.6	23.9	11.1	18.2	29.7
U.S. CITIZENS, TOTAL	81.1	85.9	74.2	83.3	80.7
ENGINEERING	13.4	12.6	16.6	8.0	16.0
PHYSICAL SCIENCES	14.4	10.2	20.5	22.1	7.2
MATHEMATICAL SCIENCES	6.6	4.2	2.7	12.3	6.2
LIFE SCIENCES	19.2	26.6	20.3	17.3	15.1
PSYCHOLOGY	9.1	12.7	4.9	7.5	10.7
SOCIAL SCIENCES	18.5	19.7	9.2	16.2	25.6
FOREIGN STUDENTS, TOTAL	18.9	14.1	25.8	16.7	19.3
ENGINEERING	7.0	3.4	12.1	4.1	8.5
PHYSICAL SCIENCES	3.5	1.8	5.4	5.9	1.5
MATHEMATICAL SCIENCES	1.5	.8	1.0	2.4	1.6
LIFE SCIENCES	3.4	3.6	5.2	1.9	3.3
PSYCHOLOGY	.3	.3	.3	.3	.3
SOCIAL SCIENCES	3.2	4.2	1.9	2.1	4.1
			PERCENT OF TOTAL		
TOTAL, ALL AREAS OF SCIENCE	100.0	21.5	21.1	25.2	32.0
ENGINEERING	100.0	16.8	29.8	14.9	38.3
PHYSICAL SCIENCES	100.0	14.4	30.5	39.3	15.6
MATHEMATICAL SCIENCES	100.0	13.1	9.5	46.1	31.1
LIFE SCIENCES	100.0	28.7	23.8	21.4	25.9
PSYCHOLOGY	100.0	29.8	11.7	20.9	37.4
SOCIAL SCIENCES	100.0	23.7	10.9	21.3	43.9
U.S. CITIZENS, TOTAL	100.0	22.8	19.3	25.9	31.8
ENGINEERING	100.0	20.2	26.3	15.1	38.2
PHYSICAL SCIENCES	100.0	15.2	30.0	38.5	16.0
MATHEMATICAL SCIENCES	100.0	13.6	8.5	47.3	30.4
LIFE SCIENCES	100.0	29.7	22.3	22.7	25.1
PSYCHOLOGY	100.0	30.0	11.4	20.7	37.6
SOCIAL SCIENCES	100.0	22.9	10.5	22.0	44.3
FOREIGN STUDENTS, TOTAL	100.0	16.0	28.9	22.3	32.6
ENGINEERING	100.0	10.3	36.3	14.6	38.5
PHYSICAL SCIENCES	100.0	10.9	32.5	42.4	14.0
MATHEMATICAL SCIENCES	100.0	11.1	14.0	40.6	34.0
LIFE SCIENCES	100.0	22.8	32.1	14.3	30.6
PSYCHOLOGY	100.0	22.8	20.5	25.9	30.6
SOCIAL SCIENCES	100.0	28.5	12.8	16.7	41.8

TABLE A-12. FULL-TIME GRADUATE STUDENTS IN ALL GRADUATE DEPARTMENTS, BY AREA OF SCIENCE, LEVEL OF STUDY, AND TYPE OF MAJOR SUPPORT, 1972

AREA OF SCIENCE	TOTAL	FELLOWSHIPS AND TRAINEESHIPS	RESEARCH ASSISTANTSHIPS	TEACHING ASSISTANTSHIPS	OTHER TYPES OF SUPPORT
TOTAL, ALL AREAS OF SCIENCE	161,329	34,720	34,199	40,723	51,687
ENGINEERING	32,913	5,542	9,811	4,926	12,634
PHYSICAL SCIENCES	28,948	4,179	8,846	11,390	4,533
MATHEMATICAL SCIENCES	12,978	1,710	1,243	5,987	4,038
LIFE SCIENCES	36,473	10,477	8,706	7,820	9,470
PSYCHOLOGY	15,157	4,523	1,788	3,171	5,675
SOCIAL SCIENCES	34,880	8,289	3,805	7,429	15,337
FIRST YEAR, TOTAL	53,414	10,407	8,395	12,884	21,728
ENGINEERING	13,414	2,409	2,941	1,906	6,158
PHYSICAL SCIENCES	7,657	992	1,058	3,887	1,720
MATHEMATICAL SCIENCES	4,403	541	316	1,873	1,673
LIFE SCIENCES	11,387	2,690	2,273	2,429	3,995
PSYCHOLOGY	4,466	1,271	520	835	1,840
SOCIAL SCIENCES	12,087	2,504	1,287	1,954	6,342
BEYOND FIRST YEAR, TOTAL	107,915	24,313	25,804	27,839	29,959
ENGINEERING	19,499	3,133	6,870	3,020	6,476
PHYSICAL SCIENCES	21,291	3,187	7,788	7,503	2,813
MATHEMATICAL SCIENCES	8,575	1,169	927	4,114	2,365
LIFE SCIENCES	25,086	7,787	6,433	5,391	5,475
PSYCHOLOGY	10,691	3,252	1,268	2,336	3,835
SOCIAL SCIENCES	22,773	5,785	2,518	5,475	8,995
			PERCENT DISTRIBUTION		
TOTAL, ALL AREAS OF SCIENCE	100.0	100.0	100.0	100.0	100.0
ENGINEERING	20.4	16.0	28.7	12.1	24.4
PHYSICAL SCIENCES	17.9	12.0	25.9	28.0	8.8
MATHEMATICAL SCIENCES	8.0	4.9	3.6	14.7	7.8
LIFE SCIENCES	22.6	30.2	25.5	19.2	18.3
PSYCHOLOGY	9.4	13.0	5.2	7.8	11.0
SOCIAL SCIENCES	21.6	23.9	11.1	18.2	29.7
FIRST YEAR, TOTAL	33.1	30.0	24.5	31.6	42.0
ENGINEERING	8.3	6.9	8.6	4.7	11.9
PHYSICAL SCIENCES	4.7	2.9	3.1	9.5	3.3
MATHEMATICAL SCIENCES	2.7	1.6	.9	4.6	3.2
LIFE SCIENCES	7.1	7.7	6.6	6.0	7.7
PSYCHOLOGY	2.8	3.7	1.5	2.1	3.6
SOCIAL SCIENCES	7.5	7.2	3.8	4.8	12.3
BEYOND FIRST YEAR, TOTAL	66.9	70.0	75.5	68.4	58.0
ENGINEERING	12.1	9.0	20.1	7.4	12.5
PHYSICAL SCIENCES	13.2	9.2	22.8	18.4	5.4
MATHEMATICAL SCIENCES	5.3	3.4	2.7	10.1	4.6
LIFE SCIENCES	15.5	22.4	18.8	13.2	10.6
PSYCHOLOGY	6.6	9.4	3.7	5.7	7.4
SOCIAL SCIENCES	14.1	16.7	7.4	13.4	17.4
			PERCENT OF TOTAL		
TOTAL, ALL AREAS OF SCIENCE	100.0	21.5	21.1	25.2	32.0
ENGINEERING	100.0	16.8	29.8	14.9	38.3
PHYSICAL SCIENCES	100.0	14.4	30.5	39.3	15.6
MATHEMATICAL SCIENCES	100.0	13.1	9.5	46.1	31.1
LIFE SCIENCES	100.0	28.7	23.8	21.4	25.9
PSYCHOLOGY	100.0	29.8	11.7	20.9	37.4
SOCIAL SCIENCES	100.0	23.7	10.9	21.3	43.9
FIRST YEAR, TOTAL	100.0	19.4	15.7	24.1	40.6
ENGINEERING	100.0	17.9	21.9	14.2	45.9
PHYSICAL SCIENCES	100.0	12.9	13.8	50.7	22.4
MATHEMATICAL SCIENCES	100.0	12.2	7.1	42.5	37.9
LIFE SCIENCES	100.0	23.6	19.9	21.3	35.0
PSYCHOLOGY	100.0	28.4	11.6	18.6	41.2
SOCIAL SCIENCES	100.0	20.7	10.6	16.1	52.4
BEYOND FIRST YEAR, TOTAL	100.0	22.5	23.9	25.7	27.7
ENGINEERING	100.0	16.0	35.2	15.4	33.2
PHYSICAL SCIENCES	100.0	14.9	36.5	35.2	13.2
MATHEMATICAL SCIENCES	100.0	13.6	10.8	47.9	27.5
LIFE SCIENCES	100.0	31.0	25.6	21.4	21.8
PSYCHOLOGY	100.0	30.4	11.8	21.8	35.8
SOCIAL SCIENCES	100.0	25.4	11.0	24.0	39.4

TABLE A-13. FULL-TIME GRADUATE STUDENTS IN ALL GRADUATE DEPARTMENTS, BY FIELD OF SCIENCE AND SOURCE OF SUPPORT, 1971 AND 1972*

AREA AND FIELD OF SCIENCE	FALL 1971 TOTAL	FALL 1971 SUPPORTED BY U.S. GOVERNMENT SOURCES	FALL 1971 SUPPORTED BY NON-U.S. GOVERNMENT SOURCES	FALL 1972 TOTAL	FALL 1972 SUPPORTED BY U.S. GOVERNMENT SOURCES	FALL 1972 SUPPORTED BY NON-U.S. GOVERNMENT SOURCES
TOTAL, ALL FIELDS OF SCIENCE	164,764	51,954	112,810	161,329	46,955	114,374
ENGINEERING	34,430	12,869	21,561	32,913	11,754	21,159
AERONAUTICAL	1,504	850	654	1,369	722	647
AGRICULTURAL	602	162	440	527	124	403
CHEMICAL	3,412	1,127	2,285	3,095	1,027	2,068
CIVIL	5,438	2,213	3,225	5,301	2,002	3,299
ELECTRICAL	8,048	2,678	5,370	7,594	2,553	5,041
ENGINEERING SCIENCE	1,378	599	779	1,336	534	802
INDUSTRIAL	3,549	1,262	2,287	3,479	1,229	2,250
MECHANICAL	4,466	1,591	2,875	4,302	1,429	2,873
METALLURGICAL AND MATERIALS	1,764	896	868	1,642	776	866
MINING	314	94	220	296	91	205
NUCLEAR	951	379	572	944	377	567
PETROLEUM	243	65	178	218	36	182
OTHER ENGINEERING	2,761	953	1,808	2,810	854	1,956
PHYSICAL SCIENCES	30,405	11,341	19,064	28,948	9,878	19,070
ASTRONOMY	572	265	307	538	214	324
ATMOSPHERIC SCIENCES	872	663	209	855	569	286
CHEMISTRY	12,948	4,231	8,717	12,076	3,583	8,493
GEOSCIENCES	4,532	1,243	3,289	4,762	1,230	3,532
OCEANOGRAPHY	1,255	653	602	1,324	686	638
PHYSICS	10,226	4,286	5,940	9,393	3,596	5,797
MATHEMATICAL SCIENCES	13,493	2,521	10,972	12,978	2,019	10,959
APPLIED MATHEMATICS	2,646	566	2,080	2,722	651	2,071
MATHEMATICS	9,471	1,485	7,986	8,968	1,039	7,929
STATISTICS	1,376	470	906	1,288	329	959
LIFE SCIENCES	36,189	13,447	22,742	36,473	12,630	23,843
AGRICULTURE	8,294	2,499	5,795	8,284	2,336	5,948
BIOCHEMISTRY	3,647	2,188	1,459	3,613	2,071	1,542
BIOLOGY	7,781	2,180	5,601	7,685	1,977	5,708
BOTANY	2,373	619	1,754	2,325	506	1,819
MICROBIOLOGY	2,471	1,204	1,267	2,511	1,106	1,405
PHARMACOLOGY	1,727	828	899	1,761	793	968
PHYSIOLOGY	1,753	825	928	1,734	764	970
ZOOLOGY	3,521	876	2,645	3,291	733	2,558
OTHER LIFE SCIENCES	4,622	2,228	2,394	5,269	2,344	2,925
PSYCHOLOGY	14,995	5,095	9,900	15,157	4,760	10,397
SOCIAL SCIENCES	35,252	6,681	28,571	34,860	5,914	28,946
AGRICULTURAL ECONOMICS	1,200	395	805	1,210	352	858
ANTHROPOLOGY	4,047	843	3,204	4,159	790	3,369
ECONOMICS (EXCEPT AGRICULTURAL)	7,063	1,212	5,851	6,925	1,061	5,864
GEOGRAPHY	2,239	324	1,915	2,163	264	1,899
HISTORY AND PHILOSOPHY OF SCIENCE	2,041	244	1,797	1,924	185	1,739
LINGUISTICS	2,076	625	1,451	2,024	625	1,399
POLITICAL SCIENCE	7,762	1,042	6,720	7,650	823	6,827
SOCIOLOGY	7,962	1,836	6,126	8,009	1,680	6,329
SOCIOLOGY AND ANTHROPOLOGY	862	160	702	796	134	662

* AS REPORTED IN 1972.

TABLE A-13. FULL-TIME GRADUATE STUDENTS IN ALL GRADUATE DEPARTMENTS, BY FIELD OF SCIENCE AND SOURCE OF SUPPORT, 1971 AND 1972*

(CONTINUED)

AREA AND FIELD OF SCIENCE	FALL 1971 TOTAL	FALL 1971 SUPPORTED BY U.S. GOVERNMENT SOURCES	FALL 1971 SUPPORTED BY NON-U.S. GOVERNMENT SOURCES	FALL 1972 TOTAL	FALL 1972 SUPPORTED BY U.S. GOVERNMENT SOURCES	FALL 1972 SUPPORTED BY NON-U.S. GOVERNMENT SOURCES
	PERCENT DISTRIBUTION					
TOTAL, ALL FIELDS OF SCIENCE	100.0	100.0	100.0	100.0	100.0	100.0
ENGINEERING	20.9	24.8	19.1	20.4	25.0	18.5
AERONAUTICAL	.9	1.6	.6	.8	1.5	.6
AGRICULTURAL	.4	.3	.4	.3	.3	.4
CHEMICAL	2.1	2.2	2.0	1.9	2.2	1.8
CIVIL	3.3	4.3	2.9	3.3	4.3	2.9
ELECTRICAL	4.9	5.2	4.8	4.7	5.4	4.4
ENGINEERING SCIENCE	.8	1.2	.7	.8	1.1	.7
INDUSTRIAL	2.2	2.4	2.0	2.2	2.6	2.0
MECHANICAL	2.7	3.1	2.5	2.7	3.0	2.5
METALLURGICAL AND MATERIALS	1.1	1.7	.8	1.0	1.7	.8
MINING	.2	.2	.2	.2	.2	.2
NUCLEAR	.6	.7	.5	.6	.8	.5
PETROLEUM	.1	.1	.2	.1	.1	.2
OTHER ENGINEERING	1.7	1.8	1.6	1.7	1.8	1.7
PHYSICAL SCIENCES	18.5	21.8	16.9	17.9	21.0	16.7
ASTRONOMY	.3	.5	.3	.3	.5	.3
ATMOSPHERIC SCIENCES	.5	1.3	.2	.5	1.2	.3
CHEMISTRY	7.9	8.1	7.7	7.5	7.6	7.4
GEOSCIENCES	2.8	2.4	2.9	3.0	2.6	3.1
OCEANOGRAPHY	.8	1.3	.5	.8	1.5	.6
PHYSICS	6.2	8.2	5.3	5.8	7.7	5.1
MATHEMATICAL SCIENCES	8.2	4.9	9.7	8.0	4.3	9.6
APPLIED MATHEMATICS	1.6	1.1	1.8	1.7	1.4	1.8
MATHEMATICS	5.7	2.9	7.1	5.6	2.2	6.9
STATISTICS	.8	.9	.8	.8	.7	.8
LIFE SCIENCES	22.0	25.9	20.2	22.6	26.9	20.8
AGRICULTURE	5.0	4.8	5.1	5.1	5.0	5.2
BIOCHEMISTRY	2.2	4.2	1.3	2.2	4.4	1.3
BIOLOGY	4.7	4.2	5.0	4.8	4.2	5.0
BOTANY	1.4	1.2	1.6	1.4	1.1	1.6
MICROBIOLOGY	1.5	2.3	1.1	1.6	2.4	1.2
PHARMACOLOGY	1.0	1.6	.8	1.1	1.7	.8
PHYSIOLOGY	1.1	1.6	.8	1.1	1.6	.8
ZOOLOGY	2.1	1.7	2.3	2.0	1.6	2.2
OTHER LIFE SCIENCES	2.8	4.3	2.1	3.3	5.0	2.6
PSYCHOLOGY	9.1	9.8	8.8	9.4	10.1	9.1
SOCIAL SCIENCES	21.4	12.9	25.3	21.6	12.6	25.3
AGRICULTURAL ECONOMICS	.7	.8	.7	.8	.7	.8
ANTHROPOLOGY	2.5	1.6	2.8	2.6	1.7	2.9
ECONOMICS (EXCEPT AGRICULTURAL)	4.3	2.3	5.2	4.3	2.3	5.1
GEOGRAPHY	1.4	.6	1.7	1.3	.6	1.7
HISTORY AND PHILOSOPHY OF SCIENCE	1.2	.5	1.6	1.2	.4	1.5
LINGUISTICS	1.3	1.2	1.3	1.3	1.3	1.2
POLITICAL SCIENCE	4.7	2.0	6.0	4.7	1.8	6.0
SOCIOLOGY	4.8	3.5	5.4	5.0	3.6	5.5
SOCIOLOGY AND ANTHROPOLOGY	.5	.3	.6	.5	.3	.6

* AS REPORTED IN 1972.

TABLE A-13. FULL-TIME GRADUATE STUDENTS IN ALL GRADUATE DEPARTMENTS, BY FIELD OF SCIENCE AND SOURCE OF SUPPORT, 1971 AND 1972*

(CONTINUED)

AREA AND FIELD OF SCIENCE	FALL 1971 TOTAL	FALL 1971 SUPPORTED BY U.S. GOVERNMENT SOURCES	FALL 1971 SUPPORTED BY NON-U.S. GOVERNMENT SOURCES	FALL 1972 TOTAL	FALL 1972 SUPPORTED BY U.S. GOVERNMENT SOURCES	FALL 1972 SUPPORTED BY NON-U.S. GOVERNMENT SOURCES
	PERCENT OF TOTAL					
TOTAL, ALL FIELDS OF SCIENCE	100.0	31.5	68.4	100.0	29.1	70.8
ENGINEERING	100.0	37.3	62.6	100.0	35.7	64.2
AERONAUTICAL	100.0	56.5	43.4	100.0	52.7	47.2
AGRICULTURAL	100.0	26.9	73.0	100.0	23.5	76.4
CHEMICAL	100.0	33.0	66.9	100.0	33.1	66.8
CIVIL	100.0	40.6	59.3	100.0	37.7	62.2
ELECTRICAL	100.0	33.2	66.7	100.0	33.6	66.3
ENGINEERING SCIENCE	100.0	43.4	56.5	100.0	39.9	60.0
INDUSTRIAL	100.0	35.5	64.4	100.0	35.3	64.6
MECHANICAL	100.0	35.6	64.3	100.0	33.2	66.7
METALLURGICAL AND MATERIALS	100.0	50.7	49.2	100.0	47.2	52.7
MINING	100.0	29.9	70.0	100.0	30.7	69.2
NUCLEAR	100.0	39.8	60.1	100.0	39.9	60.0
PETROLEUM	100.0	26.7	73.2	100.0	16.5	83.4
OTHER ENGINEERING	100.0	34.5	65.4	100.0	30.3	69.6
PHYSICAL SCIENCES	100.0	37.2	62.7	100.0	34.1	65.8
ASTRONOMY	100.0	46.3	53.6	100.0	39.7	60.2
ATMOSPHERIC SCIENCES	100.0	76.0	23.9	100.0	66.5	33.4
CHEMISTRY	100.0	32.6	67.3	100.0	29.6	70.3
GEOSCIENCES	100.0	27.4	72.5	100.0	25.8	74.1
OCEANOGRAPHY	100.0	52.0	47.9	100.0	51.8	48.1
PHYSICS	100.0	41.9	58.0	100.0	38.2	61.7
MATHEMATICAL SCIENCES	100.0	18.6	81.3	100.0	15.5	84.4
APPLIED MATHEMATICS	100.0	21.3	78.6	100.0	23.9	76.0
MATHEMATICS	100.0	15.6	84.3	100.0	11.5	88.4
STATISTICS	100.0	34.1	65.8	100.0	25.5	74.4
LIFE SCIENCES	100.0	37.1	62.8	100.0	34.6	65.3
AGRICULTURE	100.0	30.1	69.8	100.0	28.1	71.8
BIOCHEMISTRY	100.0	59.9	40.0	100.0	57.3	42.6
BIOLOGY	100.0	28.0	71.9	100.0	25.7	74.2
BOTANY	100.0	26.0	73.9	100.0	21.7	78.2
MICROBIOLOGY	100.0	48.7	51.2	100.0	44.0	55.9
PHARMACOLOGY	100.0	47.9	52.0	100.0	45.0	54.9
PHYSIOLOGY	100.0	47.0	52.9	100.0	44.0	55.9
ZOOLOGY	100.0	24.8	75.1	100.0	22.2	77.7
OTHER LIFE SCIENCES	100.0	48.2	51.7	100.0	44.4	55.5
PSYCHOLOGY	100.0	33.9	66.0	100.0	31.4	68.5
SOCIAL SCIENCES	100.0	18.9	81.0	100.0	16.9	83.0
AGRICULTURAL ECONOMICS	100.0	32.9	67.0	100.0	29.0	70.9
ANTHROPOLOGY	100.0	20.8	79.1	100.0	18.9	81.0
ECONOMICS (EXCEPT AGRICULTURAL)	100.0	17.1	82.8	100.0	15.3	84.6
GEOGRAPHY	100.0	14.4	85.5	100.0	12.2	87.7
HISTORY AND PHILOSOPHY OF SCIENCE	100.0	11.9	88.0	100.0	9.6	90.3
LINGUISTICS	100.0	30.1	69.8	100.0	30.8	69.1
POLITICAL SCIENCE	100.0	13.4	86.5	100.0	10.7	89.2
SOCIOLOGY	100.0	23.0	76.9	100.0	20.9	79.0
SOCIOLOGY AND ANTHROPOLOGY	100.0	18.5	81.4	100.0	16.8	83.1

* AS REPORTED IN 1972.

TABLE A-14. FULL-TIME GRADUATE STUDENTS IN ALL GRADUATE DEPARTMENTS, BY SOURCE OF MAJOR SUPPORT, AREA OF SCIENCE, AND SEX OF STUDENT, 1972

SOURCE OF MAJOR SUPPORT	TOTAL	ENGI-NEERING	PHYSICAL SCIENCES	MATHE-MATICAL SCIENCES	LIFE SCIENCES	PSYCHOLOGY	SOCIAL SCIENCES
TOTAL, ALL SOURCES OF SUPPORT	161,329	32,913	28,948	12,978	36,473	15,157	34,860
ALL U.S. SOURCES, TOTAL	158,037	31,854	28,573	12,781	35,571	15,104	34,154
U.S. GOVERNMENT, TOTAL	46,955	11,754	9,878	2,019	12,630	4,760	5,914
ATOMIC ENERGY COMMISSION	1,804	535	1,080	52	136	1	
DEPARTMENT OF DEFENSE	5,022	3,229	1,118	307	62	81	225
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	18,517	1,619	1,803	405	8,455	3,410	2,825
NATIONAL DEFENSE EDUCATION ACT	3,104	426	600	206	617	244	1,011
NATIONAL INSTITUTES OF HEALTH	13,744	954	1,154	153	7,411	2,788	1,284
OTHER HEW	1,669	239	49	46	427	378	530
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	1,287	625	530	18	80	14	20
NATIONAL SCIENCE FOUNDATION	10,649	2,755	4,145	980	1,356	457	956
VETERANS ADMINISTRATION (G.I.BILL)	931	153	130	52	216	102	278
ALL OTHER U.S. GOVERNMENT AGENCIES	8,745	2,838	1,072	205	2,325	695	1,610
OTHER U.S. SOURCES	111,082	20,100	18,695	10,762	22,941	10,344	28,240
INSTITUTIONAL SUPPORT	62,577	8,946	14,197	7,169	13,790	5,238	13,237
SELF-SUPPORT	38,648	8,151	3,113	3,163	7,063	4,175	12,983
ALL OTHER U.S. SOURCES	9,857	3,003	1,385	430	2,088	931	2,020
FOREIGN SOURCES, TOTAL	3,292	1,059	375	197	902	53	706
MEN							
TOTAL, ALL SOURCES OF SUPPORT	132,131	32,016	25,787	10,595	28,082	9,770	25,881
ALL U.S. SOURCES, TOTAL	129,135	30,986	25,439	10,421	27,268	9,736	25,285
U.S. GOVERNMENT, TOTAL	39,295	11,482	9,037	1,752	9,590	3,128	4,306
ATOMIC ENERGY COMMISSION	1,699	517	1,028	46	108		
DEPARTMENT OF DEFENSE	4,880	3,195	1,066	283	54	67	215
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	13,463	1,556	1,540	319	6,079	2,145	1,824
NATIONAL DEFENSE EDUCATION ACT	2,475	415	523	173	448	164	752
NATIONAL INSTITUTES OF HEALTH	9,928	911	974	114	5,347	1,760	822
OTHER HEW	1,060	230	43	32	284	221	250
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	1,237	618	502	17	72	12	16
NATIONAL SCIENCE FOUNDATION	9,390	2,676	3,793	856	1,025	315	725
VETERANS ADMINISTRATION (G.I.BILL)	903	152	124	52	213	95	267
ALL OTHER U.S. GOVERNMENT AGENCIES	7,723	2,768	984	179	2,039	494	1,259
OTHER U.S. SOURCES	89,840	19,504	16,402	8,669	17,678	6,608	20,979
INSTITUTIONAL SUPPORT	51,136	8,669	12,426	5,791	10,753	3,474	10,023
SELF-SUPPORT	30,355	7,905	2,744	2,528	5,254	2,500	9,424
ALL OTHER U.S. SOURCES	8,349	2,930	1,232	350	1,671	634	1,532
FOREIGN SOURCES, TOTAL	2,996	1,030	348	174	814	34	596
WOMEN							
TOTAL, ALL SOURCES OF SUPPORT	29,198	897	3,161	2,383	8,391	5,387	8,979
ALL U.S. SOURCES, TOTAL	28,902	868	3,134	2,360	8,303	5,368	8,869
U.S. GOVERNMENT, TOTAL	7,660	272	841	267	3,040	1,632	1,608
ATOMIC ENERGY COMMISSION	105	18	52	6	28	1	
DEPARTMENT OF DEFENSE	142	34	52	24	8	14	10
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	5,054	63	263	86	2,376	1,265	1,001
NATIONAL DEFENSE EDUCATION ACT	629	11	77	33	169	80	259
NATIONAL INSTITUTES OF HEALTH	3,816	43	180	39	2,064	1,028	462
OTHER HEW	609	9	6	14	143	157	280
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	50	7	28	1	8	2	4
NATIONAL SCIENCE FOUNDATION	1,259	79	352	124	331	142	231
VETERANS ADMINISTRATION (G.I.BILL)	28	1	6		3	7	11
ALL OTHER U.S. GOVERNMENT AGENCIES	1,022	70	88	26	286	201	351
OTHER U.S. SOURCES	21,242	596	2,293	2,093	5,263	3,736	7,261
INSTITUTIONAL SUPPORT	11,441	277	1,771	1,378	3,037	1,764	3,214
SELF-SUPPORT	8,293	246	369	635	1,809	1,675	3,559
ALL OTHER U.S. SOURCES	1,508	73	153	80	417	297	488
FOREIGN SOURCES, TOTAL	296	29	27	23	88	19	110

TABLE A-15. FULL-TIME GRADUATE STUDENTS IN ALL GRADUATE DEPARTMENTS, BY SOURCE OF MAJOR SUPPORT AND AREA OF SCIENCE, 1972

SOURCE OF MAJOR SUPPORT	TOTAL	ENGI-NEERING	PHYSICAL SCIENCES	MATHE-MATICAL SCIENCES	LIFE SCIENCES	PSYCHOLOGY	SOCIAL SCIENCES
TOTAL, ALL SOURCES OF SUPPORT	161,329	32,913	28,948	12,978	36,473	15,157	34,860
ALL U.S. SOURCES, TOTAL	158,037	31,854	28,573	12,781	35,571	15,104	34,154
U.S. GOVERNMENT	46,955	11,754	9,878	2,019	12,630	4,760	5,914
ATOMIC ENERGY COMMISSION	1,804	535	1,080	52	136	1	
DEPARTMENT OF DEFENSE	5,022	3,229	1,118	307	62	81	225
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	18,517	1,619	1,803	405	8,455	3,410	2,825
NATIONAL DEFENSE EDUCATION ACT	3,104	426	600	206	617	244	1,011
NATIONAL INSTITUTES OF HEALTH	13,744	954	1,154	153	7,411	2,788	1,284
OTHER HEW	1,669	239	49	46	427	378	530
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	1,287	625	530	18	80	14	20
NATIONAL SCIENCE FOUNDATION	10,649	2,755	4,145	980	1,356	457	956
VETERANS ADMINISTRATION (G.I.BILL)	931	153	130	52	216	102	278
ALL OTHER U.S. GOVERNMENT AGENCIES	8,745	2,838	1,072	205	2,325	655	1,610
OTHER U.S. SOURCES	111,082	20,100	18,695	10,762	22,941	10,344	28,240
INSTITUTIONAL SUPPORT	62,577	8,946	14,197	7,169	13,790	5,238	13,237
SELF-SUPPORT	38,648	8,151	3,113	3,163	7,063	4,175	12,983
ALL OTHER U.S. SOURCES	9,857	3,003	1,385	430	2,088	931	2,020
FOREIGN SOURCES, TOTAL	3,292	1,059	375	197	902	53	706
				PERCENT DISTRIBUTION			
TOTAL, ALL SOURCES OF SUPPORT	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ALL U.S. SOURCES, TOTAL	98.0	96.8	98.7	98.5	97.5	99.7	98.0
U.S. GOVERNMENT	29.1	35.7	34.1	15.[illegible]	34.6	31.4	17.0
ATOMIC ENERGY COMMISSION	1.1	1.6	3.7	[illegible]	.4	.0	.0
DEPARTMENT OF DEFENSE	3.1	9.8	3.9	2.[illegible]	.2	.5	.6
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	11.5	4.9	6.2	3.[illegible]	23.2	22.5	8.1
NATIONAL DEFENSE EDUCATION ACT	1.9	1.3	2.1	1.[illegible]	1.7	1.6	2.9
NATIONAL INSTITUTES OF HEALTH	8.5	2.9	4.0	1.2	20.3	18.4	3.7
OTHER HEW	1.0	.7	.2	.4	1.2	2.5	1.5
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	.8	1.9	1.8	.1	.2	.1	.1
NATIONAL SCIENCE FOUNDATION	6.6	8.4	14.3	7.6	3.7	3.0	2.7
VETERANS ADMINISTRATION (G.I.BILL)	.6	.5	.4	.4	.6	.7	.8
ALL OTHER U.S. GOVERNMENT AGENCIES	5.4	8.6	3.7	1.6	6.4	4.6	4.6
OTHER U.S. SOURCES	68.9	61.1	64.6	82.9	62.9	68.2	81.0
INSTITUTIONAL SUPPORT	38.8	27.2	49.0	55.2	37.8	34.6	38.0
SELF-SUPPORT	24.0	24.8	10.8	24.4	19.4	27.5	37.2
ALL OTHER U.S. SOURCES	6.1	9.1	4.8	3.3	5.7	6.1	5.8
FOREIGN SOURCES, TOTAL	2.0	3.2	1.3	1.5	2.5	.3	2.0
				PERCENT OF TOTAL			
TOTAL, ALL SOURCES OF SUPPORT	100.0	20.4	17.9	8.0	22.6	9.3	21.6
ALL U.S. SOURCES, TOTAL	100.0	20.1	18.0	8.0	22.5	9.5	21.6
U.S. GOVERNMENT	100.0	25.0	21.0	4.2	26.8	10.1	12.5
ATOMIC ENERGY COMMISSION	100.0	29.6	59.8	2.8	7.5	.0	.0
DEPARTMENT OF DEFENSE	100.0	64.2	22.2	6.1	1.2	1.6	4.4
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	100.0	8.7	9.7	2.1	45.6	18.4	15.2
NATIONAL DEFENSE EDUCATION ACT	100.0	13.7	19.3	6.6	19.8	7.8	32.5
NATIONAL INSTITUTES OF HEALTH	100.0	6.9	8.3	1.1	53.9	20.2	9.3
OTHER HEW	100.0	14.3	2.9	2.7	25.5	22.6	31.7
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	100.0	48.5	41.1	1.3	6.2	1.0	1.5
NATIONAL SCIENCE FOUNDATION	100.0	25.8	38.9	9.2	12.7	4.2	8.9
VETERANS ADMINISTRATION (G.I.BILL)	100.0	16.4	13.9	5.5	23.2	10.9	29.8
ALL OTHER U.S. GOVERNMENT AGENCIES	100.0	32.4	12.2	2.3	26.5	7.5	18.4
OTHER U.S. SOURCES	100.0	18.0	16.8	9.6	20.6	9.3	25.4
INSTITUTIONAL SUPPORT	100.0	14.2	22.6	11.4	22.0	8.3	21.1
SELF-SUPPORT	100.0	21.0	8.0	8.1	18.2	10.8	33.5
ALL OTHER U.S. SOURCES	100.0	30.4	14.0	4.3	21.1	9.4	20.4
FOREIGN SOURCES, TOTAL	100.0	32.1	11.3	5.9	27.3	1.6	21.4

TABLE A-16. FULL-TIME GRADUATE STUDENTS IN ALL GRADUATE DEPARTMENTS, BY SOURCE AND TYPE OF MAJOR SUPPORT, 1972

SOURCE OF MAJOR SUPPORT	TOTAL	FELLOWSHIPS AND TRAINEESHIPS	RESEARCH ASSISTANTSHIPS	TEACHING ASSISTANTSHIPS	OTHER TYPES OF SUPPORT
TOTAL, ALL SOURCES OF SUPPORT	161,329	34,720	34,199	40,723	51,687
ALL U.S. SOURCES, TOTAL	158,037	32,929	34,068	40,723	50,317
U.S. GOVERNMENT	46,955	21,146	20,481	431	4,897
ATOMIC ENERGY COMMISSION	1,804	230	1,522		52
DEPARTMENT OF DEFENSE	5,022	221	2,669		2,132
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	18,517	14,231	3,910	164	212
NATIONAL DEFENSE EDUCATION ACT	3,104	3,023	56		25
NATIONAL INSTITUTES OF HEALTH	13,744	10,066	3,396	136	146
OTHER HEW	1,669	1,142	458	28	41
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	1,287	100	1,159		28
NATIONAL SCIENCE FOUNDATION	10,649	3,477	6,801	133	238
VETERANS ADMINISTRATION (G.I.BILL)	931				931
ALL OTHER U.S. GOVERNMENT AGENCIES	8,745	2,887	4,420	134	1,304
OTHER U.S. SOURCES	111,082	11,783	13,587	40,292	45,420
INSTITUTIONAL SUPPORT	62,577	8,191	10,805	40,075	3,506
SELF-SUPPORT	38,648				38,648
ALL OTHER U.S. SOURCES	9,857	3,592	2,782	217	3,266
FOREIGN SOURCES, TOTAL	3,292	1,791	131		1,370
			PERCENT DISTRIBUTION		
TOTAL, ALL SOURCES OF SUPPORT	100.0	100.0	100.0	100.0	100.0
ALL U.S. SOURCES, TOTAL	98.0	94.8	99.6	100.0	97.3
U.S. GOVERNMENT	29.1	60.9	59.9	1.1	9.5
ATOMIC ENERGY COMMISSION	1.1	.7	4.5	.0	.1
DEPARTMENT OF DEFENSE	3.1	.6	7.8	.0	4.1
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	11.5	41.0	11.4	.4	.4
NATIONAL DEFENSE EDUCATION ACT	1.9	8.7	.2	.0	.0
NATIONAL INSTITUTES OF HEALTH	8.5	29.0	9.9	.3	.3
OTHER HEW	1.0	3.3	1.3	.1	.1
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	.8	.3	3.4	.0	.1
NATIONAL SCIENCE FOUNDATION	6.6	10.0	19.9	.3	.5
VETERANS ADMINISTRATION (G.I.BILL)	.6	.0	.0	.0	1.8
ALL OTHER U.S. GOVERNMENT AGENCIES	5.4	8.3	12.9	.3	2.5
OTHER U.S. SOURCES	68.9	33.9	39.7	98.9	87.9
INSTITUTIONAL SUPPORT	38.8	23.6	31.6	98.4	6.8
SELF-SUPPORT	24.0	.0	.0	.0	74.8
ALL OTHER U.S. SOURCES	6.1	10.3	8.1	.5	6.3
FOREIGN SOURCES, TOTAL	2.0	5.2	.4	.0	2.7
			PERCENT OF TOTAL		
TOTAL, ALL SOURCES OF SUPPORT	100.0	21.5	21.1	25.2	32.0
ALL U.S. SOURCES, TOTAL	100.0	20.8	21.5	25.7	31.8
U.S. GOVERNMENT	100.0	45.0	43.6	.9	10.4
ATOMIC ENERGY COMMISSION	100.0	12.7	84.3	.0	2.8
DEPARTMENT OF DEFENSE	100.0	4.4	53.1	.0	42.4
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	100.0	76.8	21.1	.8	1.1
NATIONAL DEFENSE EDUCATION ACT	100.0	97.3	1.8	.0	.8
NATIONAL INSTITUTES OF HEALTH	100.0	73.2	24.7	.9	1.0
OTHER HEW	100.0	68.4	27.4	1.6	2.4
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	100.0	7.7	90.0	.0	2.1
NATIONAL SCIENCE FOUNDATION	100.0	32.6	63.8	1.2	2.2
VETERANS ADMINISTRATION (G.I.BILL)	100.0	.0	.0	.0	100.0
ALL OTHER U.S. GOVERNMENT AGENCIES	100.0	33.0	50.5	1.5	14.9
OTHER U.S. SOURCES	100.0	10.6	12.2	36.2	40.8
INSTITUTIONAL SUPPORT	100.0	13.0	17.2	64.0	5.6
SELF-SUPPORT	100.0	.0	.0	.0	100.0
ALL OTHER U.S. SOURCES	100.0	36.4	28.2	2.2	33.1
FOREIGN SOURCES, TOTAL	100.0	54.4	3.9	.0	41.6

TABLE A-17. FULL-TIME GRADUATE STUDENTS IN ALL GRADUATE DEPARTMENTS OF PUBLICLY-CONTROLLED INSTITUTIONS, BY SOURCE AND TYPE OF MAJOR SUPPORT, 1972

SOURCE OF MAJOR SUPPORT	TOTAL	FELLOWSHIPS AND TRAINEESHIPS	RESEARCH ASSISTANTSHIPS	TEACHING ASSISTANTSHIPS	OTHER TYPES OF SUPPORT
TOTAL, ALL SOURCES OF SUPPORT	116,859	19,816	25,915	33,018	38,110
ALL U.S. SOURCES, TOTAL	114,774	18,758	25,811	33,018	37,187
U.S. GOVERNMENT	31,522	12,936	14,201	336	4,049
ATOMIC ENERGY COMMISSION	1,274	155	1,071		48
DEPARTMENT OF DEFENSE	3,553	151	1,469		1,933
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	11,828	8,729	2,833	120	146
NATIONAL DEFENSE EDUCATION ACT	2,058	2,000	41		17
NATIONAL INSTITUTES OF HEALTH	8,544	5,905	2,445	98	96
OTHER HEW	1,226	824	347	22	33
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	790	50	716		24
NATIONAL SCIENCE FOUNDATION	6,501	1,815	4,433	105	148
VETERANS ADMINISTRATION (G.I.BILL)	712				712
ALL OTHER U.S. GOVERNMENT AGENCIES	6,864	2,036	3,679	111	1,038
OTHER U.S. SOURCES	83,252	5,822	11,610	32,682	33,138
INSTITUTIONAL SUPPORT	48,513	3,901	9,405	32,538	2,669
SELF-SUPPORT	28,278				28,278
ALL OTHER U.S. SOURCES	6,461	1,921	2,205	144	2,191
FOREIGN SOURCES, TOTAL	2,085	1,058	104		923
			PERCENT DISTRIBUTION		
TOTAL, ALL SOURCES OF SUPPORT	100.0	100.0	100.0	100.0	100.0
ALL U.S. SOURCES, TOTAL	98.2	94.7	99.6	100.0	97.6
U.S. GOVERNMENT	27.0	65.3	54.8	1.0	10.6
ATOMIC ENERGY COMMISSION	1.1	.8	4.1	.0	.1
DEPARTMENT OF DEFENSE	3.0	.8	5.7	.0	5.1
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	10.1	44.1	10.9	.4	.4
NATIONAL DEFENSE EDUCATION ACT	1.8	10.1	.2	.0	.0
NATIONAL INSTITUTES OF HEALTH	7.3	29.8	9.4	.3	.3
OTHER HEW	1.0	4.2	1.3	.1	.1
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	.7	.3	2.8	.0	.1
NATIONAL SCIENCE FOUNDATION	5.6	9.2	17.1	.3	.4
VETERANS ADMINISTRATION (G.I.BILL)	.6	.0	.0	.0	1.9
ALL OTHER U.S. GOVERNMENT AGENCIES	5.9	10.3	14.2	.3	2.7
OTHER U.S. SOURCES	71.2	29.4	44.8	99.0	87.0
INSTITUTIONAL SUPPORT	41.5	19.7	36.3	98.5	7.0
SELF-SUPPORT	24.2	.0	.0	.0	74.2
ALL OTHER U.S. SOURCES	5.5	9.7	8.5	.4	5.7
FOREIGN SOURCES, TOTAL	1.8	5.3	.4	.0	2.4
			PERCENT OF TOTAL		
TOTAL, ALL SOURCES OF SUPPORT	100.0	16.9	22.1	28.2	32.6
ALL U.S. SOURCES, TOTAL	100.0	16.3	22.4	28.7	32.4
U.S. GOVERNMENT	100.0	41.0	45.0	1.0	12.8
ATOMIC ENERGY COMMISSION	100.0	12.1	84.0	.0	3.7
DEPARTMENT OF DEFENSE	100.0	4.2	41.3	.0	54.4
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	100.0	73.7	23.9	1.0	1.2
NATIONAL DEFENSE EDUCATION ACT	100.0	97.1	1.9	.0	.8
NATIONAL INSTITUTES OF HEALTH	100.0	69.1	28.6	1.1	1.1
OTHER HEW	100.0	67.2	28.3	1.7	2.6
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	100.0	6.3	90.6	.0	3.0
NATIONAL SCIENCE FOUNDATION	100.0	27.9	68.1	1.6	2.2
VETERANS ADMINISTRATION (G.I.BILL)	100.0	.0	.0	.0	100.0
ALL OTHER U.S. GOVERNMENT AGENCIES	100.0	29.6	53.5	1.6	15.1
OTHER U.S. SOURCES	100.0	6.9	13.9	39.2	39.8
INSTITUTIONAL SUPPORT	100.0	8.0	19.3	67.0	5.[illegible]
SELF-SUPPORT	100.0	.0	.0	.0	100.[illegible]
ALL OTHER U.S. SOURCES	100.0	29.7	34.1	2.2	33.9
FOREIGN SOURCES, TOTAL	100.0	50.7	4.[illegible]	.0	44.2

TABLE A-18. FULL-TIME GRADUATE STUDENTS IN ALL GRADUATE DEPARTMENTS OF PRIVATELY-CONTROLLED INSTITUTIONS, BY SOURCE AND TYPE OF MAJOR SUPPORT, 1972

SOURCE OF MAJOR SUPPORT	TOTAL	FELLOWSHIPS AND TRAINEESHIPS	RESEARCH ASSISTANTSHIPS	TEACHING ASSISTANTSHIPS	OTHER TYPES OF SUPPORT
TOTAL, ALL SOURCES OF SUPPORT	44,470	14,904	8,284	7,705	13,577
ALL U.S. SOURCES, TOTAL	43,[illegible]	14,171	8,257	7,705	13,130
U.S. GOVERNMENT	15,433	8,210	6,280	95	848
ATOMIC ENERGY COMMISSION	530	75	451		4
DEPARTMENT OF DEFENSE	1,469	70	1,200		199
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	6,689	5,502	1,077	44	66
NATIONAL DEFENSE EDUCATION ACT	1,046	1,023	15		8
NATIONAL INSTITUTES OF HEALTH	5,200	4,161	951	38	50
OTHER HEW	443	318	111	6	8
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	497	50	443		4
NATIONAL SCIENCE FOUNDATION	4,148	1,662	2,368	28	90
VETERANS ADMINISTRATION (G.I.BILL)	219				219
ALL OTHER U.S. GOVERNMENT AGENCIES	1,881	851	7[illegible]	23	266
OTHER U.S. SOURCES	27,830	5,961	1,977	7,610	12,282
INSTITUTIONAL SUPPORT	14,064	4,290	1,400	7,537	837
SELF-SUPPORT	10,370				10,370
ALL OTHER U.S. SOURCES	3,396	1,671	577	73	1,075
FOREIGN SOURCES, TOTAL	1,207	733	27		447
			PERCENT DISTRIBUTION		
TOTAL, ALL SOURCES OF SUPPORT	100.0	100.0	100.0	100.0	100.0
ALL U.S. SOURCES, TOTAL	97.3	95.1	99.7	100.0	96.7
U.S. GOVERNMENT	34.7	55.1	75.8	1.2	6.2
ATOMIC ENERGY COMMISSION	1.2	.5	5.4	.0	.0
DEPARTMENT OF DEFENSE	3.3	.5	14.5	.0	1.5
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	15.0	36.9	13.0	.6	.5
NATIONAL DEFENSE EDUCATION ACT	2.4	6.9	.2	.0	.1
NATIONAL INSTITUTES OF HEALTH	11.7	27.9	11.5	.5	.4
OTHER HEW	1.0	2.1	1.3	.1	.1
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	1.1	.3	5.3	.0	.0
NATIONAL SCIENCE FOUNDATION	9.3	11.2	28.6	.4	.7
VETERANS ADMINISTRATION (G.I.BILL)	.5	.0	.0	.0	1.6
ALL OTHER U.S. GOVERNMENT AGENCIES	4.2	5.7	8.9	.3	2.0
OTHER U.S. SOURCES	62.6	40.0	23.9	98.8	90.5
INSTITUTIONAL SUPPORT	31.6	28.8	16.9	97.8	6.2
SELF-SUPPORT	23.3	.0	.0	.0	76.4
ALL OTHER U.S. SOURCES	7.6	11.2	7.0	.9	7.9
FOREIGN SOURCES, TOTAL	2.7	4.9	.3	.0	3.3
			PERCENT OF TOTAL		
TOTAL, ALL SOURCES OF SUPPORT	100.0	33.5	18.6	17.3	30.5
ALL U.S. SOURCES, TOTAL	100.0	32.7	19.0	17.8	30.3
U.S. GOVERNMENT	100.0	53.1	40.6	.6	5.4
ATOMIC ENERGY COMMISSION	100.0	14.1	85.0	.0	.7
DEPARTMENT OF DEFENSE	100.0	4.7	81.6	.0	13.5
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	100.0	82.2	16.1	.6	.9
NATIONAL DEFENSE EDUCATION ACT	100.0	97.8	1.4	.0	.7
NATIONAL INSTITUTES OF HEALTH	100.0	80.0	18.2	.7	.9
OTHER HEW	100.0	71.7	25.0	1.3	1.8
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	100.0	10.0	89.1	.0	.8
NATIONAL SCIENCE FOUNDATION	100.0	40.0	57.0	.6	2.1
VETERANS ADMINISTRATION (G.I.BILL)	100.0	.0	.0	.0	100.0
ALL OTHER U.S. GOVERNMENT AGENCIES	100.0	45.2	39.3	1.2	14.1
OTHER U.S. SOURCES	100.0	21.4	7.1	27.3	44.1
INSTITUTIONAL SUPPORT	100.0	30.5	9.9	53.5	5.9
SELF-SUPPORT	100.0	.0	.0	.0	100.0
ALL OTHER U.S. SOURCES	100.0	49.2	16.9	2.1	31.6
FOREIGN SOURCES, TOTAL	100.0	60.7	2.2	.0	37.0

TABLE A-19. FULL-TIME GRADUATE STUDENTS IN ALL GRADUATE DEPARTMENTS SUPPORTED BY U.S. GOVERNMENT SOURCES, BY FIELD OF SCIENCE AND FEDERAL AGENCY, 1972

AREA AND FIELD OF SCIENCE	TOTAL	AEC	DEPT. OF DEFENSE	HEW: TOTAL HEW	HEW: NDEA	HEW: PHS (NIH) (NIMH)	HEW: OTHER HEW	NASA	NSF	VA (G.I. BILL)	OTHER U.S. GOVT.
TOTAL, ALL FIELDS OF SCIENCE........	46,955	1,804	5,022	18,517	3,104	13,744	1,669	1,287	10,649	931	8,745
ENGINEERING..........................	11,754	535	3,229	1,619	426	954	239	625	2,755	153	2,838
AERONAUTICAL.........................	722	6	395	21	15	5	1	140	93	2	65
AGRICULTURAL.........................	124			7	5	1	1	1	10		106
CHEMICAL.............................	1,027	85	69	192	65	77	50	27	435	10	209
CIVIL................................	2,002	8	198	309	30	189	90	31	325	26	1,105
ELECTRICAL...........................	2,553	28	1,008	329	103	203	23	150	687	41	310
ENGINEERING SCIENCE..................	534	27	167	68	15	52	1	32	142	1	57
INDUSTRIAL...........................	1,229	6	589	128	39	77	12	8	144	29	325
MECHANICAL...........................	1,429	34	422	209	78	99	32	121	327	28	288
METALLURGICAL AND MATERIALS.......	776	113	185	63	22	33	8	50	276	2	87
MINING...............................	91		5	3	3			5	6		72
NUCLEAR..............................	377	181	33	42	16	18	8	17	49	7	48
PETROLEUM............................	36		5	7	5	2			10		14
OTHER ENGINEERING....................	854	47	153	241	30	198	13	43	251	7	112
PHYSICAL SCIENCES....................	9,878	1,080	1,118	1,803	600	1,154	49	530	4,145	130	1,072
ASTRONOMY............................	214		5	16	16			48	130	6	9
ATMOSPHERIC SCIENCES.................	569	18	143	24	15	8	1	22	247	10	105
CHEMISTRY............................	3,583	306	184	1,378	266	1,070	42	36	1,493	12	174
GEOSCIENCES..........................	1,230	33	102	95	89	3	3	140	531	49	280
OCEANOGRAPHY.........................	686	10	148	26	17	8	1	7	234	18	243
PHYSICS..............................	3,596	713	536	264	197	65	2	277	1,510	35	261
MATHEMATICAL SCIENCES................	2,019	52	307	405	206	153	46	18	980	52	205
APPLIED MATHEMATICS..................	651	33	193	42	11	30	1	12	289	20	62
MATHEMATICS..........................	1,039	19	63	204	165	8	31	4	623	27	59
STATISTICS...........................	329		51	159	30	115	14	2	68	5	44
LIFE SCIENCES........................	12,630	136	62	8,455	617	7,411	427	80	1,356	216	2,325
AGRICULTURE..........................	2,336	10	12	629	132	459	38	22	270	80	1,313
BIOCHEMISTRY.........................	2,071	52	5	1,763	68	1,679	16	2	159	17	73
BIOLOGY..............................	1,977	24	13	1,376	133	1,126	117	11	361	31	161
BOTANY...............................	506	19		160	58	78	24	3	137	10	177
MICROBIOLOGY.........................	1,106	4	6	923	44	853	26	5	80	9	79
PHARMACOLOGY.........................	793			728	29	674	25		17	4	44
PHYSIOLOGY...........................	764	2	8	644	23	608	13	9	34	6	61
ZOOLOGY..............................	733	11	1	314	75	203	36	1	165	21	220
OTHER LIFE SCIENCES..................	2,344	14	17	1,918	55	1,731	132	27	133	38	197
PSYCHOLOGY...........................	4,760	1	81	3,410	244	2,788	378	14	457	102	695
SOCIAL SCIENCES......................	5,914		225	2,825	1,011	1,284	530	20	956	278	1,610
AGRICULTURAL ECONOMICS...............	352			25	24		1	3	20	4	300
ANTHROPOLOGY.........................	790			514	152	329	33		169	42	65
ECONOMICS (EXCEPT AGRICULTURAL)...	1,061		130	262	161	44	57		252	63	354
GEOGRAPHY............................	264		9	98	65	6	27	10	56	20	71
HISTORY AND PHILOSOPHY OF SCIENCE.	185		2	125	109	5	11		38	9	11
LINGUISTICS..........................	625		3	356	107	88	161		76	37	153
POLITICAL SCIENCE....................	823		50	353	248	40	65	2	114	66	238
SOCIOLOGY............................	1,680		26	1,003	133	743	127	5	219	35	392
SOCIOLOGY AND ANTHROPOLOGY........	134		5	89	12	29	48		12	2	26

TABLE A-19. FULL-TIME GRADUATE STUDENTS IN ALL GRADUATE DEPARTMENTS SUPPORTED BY U.S. GOVERNMENT SOURCES, BY FIELD OF SCIENCE AND FEDERAL AGENCY, 1972 (CONTINUED)

AREA AND FIELD OF SCIENCE	TOTAL	AEC	DEPT. OF DEFENSE	HEW: TOTAL HEW	HEW: NDEA	HEW: PHS (NIH) (NIMH)	HEW: OTHER HEW	NASA	NSF	VA (G.I. BILL)	OTHER U.S. GOVT.
	PERCENT DISTRIBUTION										
TOTAL, ALL FIELDS OF SCIENCE........	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ENGINEERING........................	25.0	29.7	64.3	8.7	13.7	6.9	14.3	48.6	25.9	16.4	32.5
AERONAUTICAL........................	1.5	.3	7.9	.1	.5	.0	.1	10.9	.9	.2	.7
AGRICULTURAL........................	.3	.0	.0	.0	.2	.0	.1	.1	.1	.0	1.2
CHEMICAL........................	2.2	4.7	1.4	1.0	2.1	.6	3.0	2.1	4.1	1.1	2.4
CIVIL........................	4.3	.4	3.9	1.7	1.0	1.4	5.4	2.4	3.1	2.8	12.6
ELECTRICAL........................	5.4	1.6	20.1	1.8	3.3	1.5	1.4	11.7	6.5	4.4	3.5
ENGINEERING SCIENCE................	1.1	1.5	3.3	.4	.5	.4	.1	2.5	1.3	.1	1.1
INDUSTRIAL........................	2.6	.3	11.7	.7	1.3	.6	.7	.6	1.4	3.1	3.7
MECHANICAL........................	3.0	1.9	8.4	1.1	2.5	.7	1.9	9.4	3.1	3.0	3.3
METALLURGICAL AND MATERIALS........	1.7	6.3	3.7	.3	.7	.2	.5	3.9	2.6	.2	1.0
MINING........................	.2	.0	.1	.0	.1	.0	.0	.4	.1	.0	.8
NUCLEAR........................	.8	10.0	.7	.2	.5	.1	.5	1.3	.5	.8	.5
PETROLEUM........................	.1	.0	.1	.0	.2	.0	.0	.0	.1	.0	.2
OTHER ENGINEERING................	1.8	2.6	3.0	1.3	1.0	1.4	.8	3.3	2.4	.8	1.3
PHYSICAL SCIENCES................	21.0	59.9	22.3	9.7	19.3	8.4	2.9	41.2	38.9	14.0	12.3
ASTRONOMY........................	.5	.0	.1	.1	.5	.0	.0	3.7	1.2	.6	.1
ATMOSPHERIC SCIENCES.............	1.2	1.0	2.8	.1	.5	.1	.1	1.7	2.3	1.1	1.2
CHEMISTRY........................	7.6	17.0	3.7	7.4	8.6	7.8	2.5	2.8	14.0	1.3	2.0
GEOSCIENCES........................	2.6	1.8	2.0	.5	2.9	.0	.2	10.9	5.0	5.3	3.2
OCEANOGRAPHY........................	1.5	.6	2.9	.1	.5	.1	.1	.5	2.2	1.9	2.8
PHYSICS........................	7.7	39.5	10.7	1.4	6.3	.5	.1	21.5	14.2	3.8	3.0
MATHEMATICAL SCIENCES.............	4.3	2.9	6.1	2.2	6.6	1.1	2.8	1.4	9.2	5.6	2.3
APPLIED MATHEMATICS...............	1.4	1.8	3.8	.2	.4	.2	.1	.9	2.7	2.1	.7
MATHEMATICS........................	2.2	1.1	1.3	1.1	5.3	.1	1.9	.3	5.9	2.9	1.1
STATISTICS........................	.7	.0	1.0	.9	1.0	.8	.8	.2	.6	.5	.5
LIFE SCIENCES........................	26.9	7.5	1.2	45.7	19.9	53.9	25.6	6.2	12.7	23.2	26.6
AGRICULTURE........................	5.0	.6	.2	3.4	4.3	3.3	2.3	1.7	2.5	8.6	15.0
BIOCHEMISTRY........................	4.4	2.9	.1	9.5	2.2	12.2	1.0	.2	1.5	1.8	.8
BIOLOGY........................	4.2	1.3	.3	7.4	4.3	8.2	7.0	.9	3.4	3.3	1.8
BOTANY........................	1.1	1.1	.0	.9	1.9	.6	1.4	.2	1.3	1.1	2.0
MICROBIOLOGY........................	2.4	.2	.1	5.0	1.4	6.2	1.6	.4	.8	1.0	.9
PHARMACOLOGY........................	1.7	.0	.0	3.9	.9	4.9	1.5	.0	.2	.4	.5
PHYSIOLOGY........................	1.6	.1	.2	3.5	.7	4.4	.8	.7	.3	.6	.7
ZOOLOGY........................	1.6	.6	.0	1.7	2.4	1.5	2.2	.1	1.5	2.3	2.5
OTHER LIFE SCIENCES................	5.0	.8	.3	10.4	1.8	12.6	7.9	2.1	1.2	4.1	2.3
PSYCHOLOGY........................	10.1	.1	1.6	18.4	7.9	20.3	22.6	1.1	4.3	11.0	7.9
SOCIAL SCIENCES........................	12.8	.0	4.5	15.3	32.6	9.3	31.8	1.6	9.0	29.9	18.4
AGRICULTURAL ECONOMICS.............	.7	.0	.0	.1	.8	.0	.1	.2	.2	.4	3.4
ANTHROPOLOGY........................	1.7	.0	.0	2.8	4.9	2.4	2.0	.0	1.6	4.5	.7
ECONOMICS (EXCEPT AGRICULTURAL)...	2.3	.0	2.6	1.4	5.2	.3	3.4	.0	2.4	6.8	4.0
GEOGRAPHY........................	.6	.0	.2	.5	2.1	.0	1.6	.8	.5	2.1	.8
HISTORY AND PHILOSOPHY OF SCIENCE.	.4	.0	.0	.7	3.5	.0	.7	.0	.4	1.0	.1
LINGUISTICS........................	1.3	.0	.1	1.9	3.4	.6	9.6	.0	.7	4.0	1.7
POLITICAL SCIENCE................	1.8	.0	1.0	1.9	8.0	.3	3.9	.2	1.1	7.1	2.7
SOCIOLOGY........................	3.6	.0	.5	5.4	4.3	5.4	7.6	.4	2.1	3.8	4.5
SOCIOLOGY AND ANTHROPOLOGY........	.3	.0	.1	.5	.4	.2	2.9	.0	.1	.2	.3

TABLE A-19. FULL-TIME GRADUATE STUDENTS IN ALL GRADUATE DEPARTMENTS SUPPORTED BY U.S. GOVERNMENT SOURCES, BY FIELD OF SCIENCE AND FEDERAL AGENCY, 1972 (CONTINUED)

AREA AND FIELD OF SCIENCE	TOTAL	AEC	DEPT. OF DEFENSE	HEW: TOTAL HEW	HEW: NDEA	HEW: PHS (NIH) (NIMH)	HEW: OTHER HEW	NASA	NSF	VA (G.I. BILL)	OTHER U.S. GOVT.
	PERCENT OF TOTAL										
TOTAL, ALL FIELDS OF SCIENCE........	100.0	3.8	10.6	39.4	6.6	29.2	3.5	2.7	22.6	1.9	18.6
ENGINEERING........................	100.0	4.5	27.4	13.7	3.6	8.1	2.0	5.3	23.4	1.3	24.1
AERONAUTICAL......................	100.0	.8	54.7	2.9	2.0	.6	.1	19.3	12.8	.2	9.0
AGRICULTURAL......................	100.0	.0	.0	5.6	4.0	.8	.8	.8	8.0	.0	85.4
CHEMICAL..........................	100.0	8.2	6.7	18.6	6.3	7.4	4.8	2.6	42.3	.9	20.3
CIVIL.............................	100.0	.3	9.8	15.4	1.4	9.4	4.4	1.5	16.2	1.2	55.1
ELECTRICAL........................	100.0	1.0	39.4	12.8	4.0	7.9	.9	5.8	26.9	1.6	12.1
ENGINEERING SCIENCE...............	100.0	5.0	31.2	12.7	2.8	9.7	.1	5.9	26.5	.1	18.1
INDUSTRIAL........................	100.0	.4	47.9	10.4	3.1	6.2	.9	.6	11.7	2.3	26.4
MECHANICAL........................	100.0	2.3	29.5	14.6	5.4	6.9	2.2	8.4	22.8	1.9	20.1
METALLURGICAL AND MATERIALS.......	100.0	14.5	23.8	8.1	2.8	4.2	1.0	6.4	35.5	.2	11.2
MINING............................	100.0	.0	5.4	3.2	3.2	.0	.0	5.4	6.5	.0	79.1
NUCLEAR...........................	100.0	48.0	8.7	11.1	4.2	4.7	2.1	4.5	12.9	1.8	12.7
PETROLEUM.........................	100.0	.0	13.8	19.4	13.8	5.5	.0	.0	27.7	.0	38.8
OTHER ENGINEERING.................	100.0	5.5	17.9	28.2	3.5	23.1	1.5	5.0	29.3	.8	13.1
PHYSICAL SCIENCES..................	100.0	10.9	11.3	18.2	6.0	11.6	.4	5.3	41.9	1.3	10.8
ASTRONOMY.........................	100.0	.0	2.3	7.4	7.4	.0	.0	22.4	60.7	2.8	4.2
ATMOSPHERIC SCIENCES..............	100.0	3.1	25.1	4.2	2.6	1.4	.1	3.8	43.4	1.7	18.4
CHEMISTRY.........................	100.0	8.5	5.1	38.4	7.4	29.8	1.1	1.0	41.6	.3	4.8
GEOSCIENCES.......................	100.0	2.6	8.2	7.7	7.2	.2	.2	11.3	43.1	3.9	22.7
OCEANOGRAPHY......................	100.0	1.4	21.5	3.7	2.4	1.1	.1	1.0	34.1	2.6	35.4
PHYSICS...........................	100.0	19.8	14.9	7.3	5.4	1.8	.0	7.7	41.9	.9	7.2
MATHEMATICAL SCIENCES..............	100.0	2.5	15.2	[illegible]	10.2	7.5	2.2	.8	48.5	2.5	10.1
APPLIED MATHEMATICS...............	100.0	5.0	29.6	6.[illegible]	1.6	[illegible].6	.1	1.8	44.3	3.0	9.5
MATHEMATICS.......................	100.0	1.8	6.0	19.6	15.8	.7	2.9	.3	59.9	2.5	9.5
STATISTICS........................	100.0	.0	15.5	48.3	9.1	34.9	4.2	.6	20.6	1.5	13.3
LIFE SCIENCES......................	100.0	1.0	.4	66.9	4.8	58.6	3.3	.6	10.7	1.7	18.4
AGRICULTURE.......................	100.0	.4	.5	26.9	5.6	19.6	1.6	.9	11.5	3.4	56.2
BIOCHEMISTRY......................	100.0	2.5	.2	85.1	3.2	81.0	.7	.0	7.6	.8	3.5
BIOLOGY...........................	100.0	1.2	.6	69.6	6.7	56.9	5.9	.5	18.2	1.5	8.1
BOTANY............................	100.0	3.7	.0	31.6	11.4	15.4	4.7	.5	27.0	1.9	34.9
MICROBIOLOGY......................	100.0	.3	.5	83.4	3.9	77.1	2.3	.4	7.2	.8	7.1
PHARMACOLOGY......................	100.0	.0	.0	91.8	3.6	84.9	3.1	.0	2.1	.5	5.5
PHYSIOLOGY........................	100.0	.2	1.0	84.2	3.0	79.5	1.7	1.1	4.4	.7	7.9
ZOOLOGY...........................	100.0	1.5	.1	42.8	10.2	27.6	4.9	.1	22.5	2.8	30.0
OTHER LIFE SCIENCES...............	100.0	.5	.7	81.8	2.3	73.8	5.6	1.1	5.6	1.6	8.4
PSYCHOLOGY.........................	100.0	.0	1.7	71.6	5.1	58.5	7.9	.2	9.6	2.1	14.6
SOCIAL SCIENCES....................	100.0	.0	3.8	47.7	17.0	21.7	8.9	.3	16.1	4.7	27.2
AGRICULTURAL ECONOMICS............	100.0	.0	.0	7.1	6.8	.0	.2	.8	5.6	.1	85.2
ANTHROPOLOGY......................	100.0	.0	.0	65.0	19.2	41.6	4.1	.0	21.3	5.3	8.2
ECONOMICS (EXCEPT AGRICULTURAL)...	100.0	.0	12.2	24.6	15.1	4.1	5.3	.0	23.7	5.9	33.3
GEOGRAPHY.........................	100.0	.0	3.4	37.1	24.6	2.2	10.2	3.7	21.2	7.[illegible]	26.8
HISTORY AND PHILOSOPHY OF SCIENCE.	100.0	.0	1.0	67.5	58.9	2.7	5.9	.0	20.5	4.[illegible]	5.9
LINGUISTICS.......................	100.0	.0	.4	56.9	17.1	14.0	25.7	.0	12.1	5.9	24.4
POLITICAL SCIENCE.................	100.0	.0	6.0	42.8	30.1	4.8	7.8	.2	13.8	8.0	28.5
SOCIOLOGY.........................	100.0	.0	1.5	59.7	7.9	44.2	7.5	.2	13.0	2.0	2[illegible].3
SOCIOLOGY AND ANTHROPOLOGY........	100.0	.0	3.7	66.4	8.9	21.6	35.8	.0	8.9	1.4	19.4

TABLE A-20. FULL-TIME GRADUATE STUDENTS IN ALL GRADUATE DEPARTMENTS SUPPORTED BY NON-U.S. GOVERNMENT SOURCES, BY FIELD OF SCIENCE, 1972

AREA AND FIELD OF SCIENCE	TOTAL	INSTITUTIONAL SUPPORT	SELF-SUPPORT	ALL OTHER U.S. SOURCES	FOREIGN SOURCES
TOTAL, ALL FIELDS OF SCIENCE	114,374	62,577	38,648	9,857	3,292
ENGINEERING	21,159	8,946	8,151	3,003	1,059
AERONAUTICAL	647	394	163	58	32
AGRICULTURAL	403	228	100	28	47
CHEMICAL	2,068	955	495	502	116
CIVIL	3,299	1,290	1,481	331	197
ELECTRICAL	5,041	2,131	2,151	560	199
ENGINEERING SCIENCE	802	506	181	96	19
INDUSTRIAL	2,250	829	1,149	152	120
MECHANICAL	2,873	1,244	1,102	394	133
METALLURGICAL AND MATERIALS	866	360	211	[illegible]	37
MINING	205	106	39	40	20
NUCLEAR	567	262	222	48	35
PETROLEUM	182	69	26	38	49
OTHER ENGINEERING	1,956	572	831	498	55
PHYSICAL SCIENCES	19,070	14,197	3,113	1,385	375
ASTRONOMY	324	214	76	28	6
ATMOSPHERIC SCIENCES	286	157	72	36	21
CHEMISTRY	8,493	7,016	752	621	104
GEOSCIENCES	3,532	2,043	1,073	293	123
OCEANOGRAPHY	638	283	234	110	11
PHYSICS	5,797	4,484	906	297	110
MATHEMATICAL SCIENCES	10,959	7,169	3,163	430	197
APPLIED MATHEMATICS	2,071	918	906	192	55
MATHEMATICS	7,929	5,705	1,938	177	109
STATISTICS	959	546	319	61	33
LIFE SCIENCES	23,843	13,790	7,063	2,088	902
AGRICULTURE	5,948	3,169	1,560	744	475
BIOCHEMISTRY	1,542	1,008	365	138	31
BIOLOGY	5,708	3,439	1,852	374	43
BOTANY	1,819	1,211	417	94	97
MICROBIOLOGY	1,405	829	436	103	37
PHARMACOLOGY	968	591	224	110	43
PHYSIOLOGY	970	462	388	96	24
ZOOLOGY	2,558	1,708	710	125	15
OTHER LIFE SCIENCES	2,925	1,373	1,111	304	137
PSYCHOLOGY	10,397	5,238	4,175	931	53
SOCIAL SCIENCES	28,946	13,237	12,983	2,020	706
AGRICULTURAL ECONOMICS	858	533	186	80	59
ANTHROPOLOGY	3,369	1,262	1,872	191	44
ECONOMICS (EXCEPT AGRICULTURAL)	5,864	2,837	2,387	379	261
GEOGRAPHY	1,899	1,084	659	126	30
HISTORY AND PHILOSOPHY OF SCIENCE	1,739	986	643	102	8
LINGUISTICS	1,399	686	586	88	39
POLITICAL SCIENCE	6,827	2,825	3,451	426	125
SOCIOLOGY	6,329	2,660	2,919	616	134
SOCIOLOGY AND ANTHROPOLOGY	662	364	280	12	6

TABLE A-20. FULL-TIME GRADUATE STUDENTS IN ALL GRADUATE DEPARTMENTS SUPPORTED BY NON-U.S. GOVERNMENT SOURCES, BY FIELD OF SCIENCE, 1972 (CONTINUED)

AREA AND FIELD OF SCIENCE	TOTAL	INSTITUTIONAL SUPPORT	SELF-SUPPORT	ALL OTHER U.S. SOURCES	FOREIGN SOURCES
			PERCENT OF TOTAL		
TOTAL, ALL FIELDS OF SCIENCE	100.0	54.7	33.7	8.6	2.8
ENGINEERING	100.0	42.2	38.5	14.1	5.0
AERONAUTICAL	100.0	60.8	25.1	8.9	4.9
AGRICULTURAL	100.0	56.5	24.8	6.9	11.6
CHEMICAL	100.0	46.1	23.9	24.2	5.6
CIVIL	100.0	39.1	44.8	10.0	5.9
ELECTRICAL	100.0	42.2	42.6	11.1	3.9
ENGINEERING SCIENCE	100.0	63.0	22.5	11.9	2.3
INDUSTRIAL	100.0	36.8	51.0	6.7	5.3
MECHANICAL	100.0	43.2	38.3	13.7	4.6
METALLURGICAL AND MATERIALS	100.0	41.5	24.3	29.7	4.2
MINING	100.0	51.7	19.0	19.5	9.7
NUCLEAR	100.0	46.2	39.1	8.4	6.1
PETROLEUM	100.0	37.9	14.2	20.8	26.9
OTHER ENGINEERING	100.0	29.2	42.4	25.4	2.8
PHYSICAL SCIENCES	100.0	74.4	16.3	7.2	1.9
ASTRONOMY	100.0	66.0	23.4	8.6	1.8
ATMOSPHERIC SCIENCES	100.0	54.8	25.1	12.5	7.3
CHEMISTRY	100.0	82.6	8.8	7.3	1.2
GEOSCIENCES	100.0	57.8	30.3	8.2	3.4
OCEANOGRAPHY	100.0	44.3	36.6	17.2	1.7
PHYSICS	100.0	77.3	15.6	5.1	1.8
MATHEMATICAL SCIENCES	100.0	65.4	28.8	3.9	1.7
APPLIED MATHEMATICS	100.0	44.3	43.7	9.2	2.6
MATHEMATICS	100.0	71.9	24.4	2.2	1.3
STATISTICS	100.0	56.9	33.2	6.3	3.4
LIFE SCIENCES	100.0	57.8	29.6	8.7	3.7
AGRICULTURE	100.0	53.2	26.2	12.5	7.9
BIOCHEMISTRY	100.0	65.3	23.6	8.9	2.0
BIOLOGY	100.0	60.2	32.4	6.5	.7
BOTANY	100.0	66.5	22.9	5.1	5.3
MICROBIOLOGY	100.0	59.0	31.0	7.3	2.6
PHARMACOLOGY	100.0	61.0	23.1	11.3	4.4
PHYSIOLOGY	100.0	47.6	40.0	9.8	2.4
ZOOLOGY	100.0	66.7	27.7	4.8	.5
OTHER LIFE SCIENCES	100.0	46.9	37.9	10.3	4.6
PSYCHOLOGY	100.0	50.3	40.1	8.9	.5
SOCIAL SCIENCES	100.0	45.7	44.8	6.9	2.4
AGRICULTURAL ECONOMICS	100.0	62.1	21.6	9.3	6.8
ANTHROPOLOGY	100.0	37.4	55.5	5.6	1.3
ECONOMICS (EXCEPT AGRICULTURAL)	100.0	48.3	40.7	6.4	4.4
GEOGRAPHY	100.0	57.0	34.7	6.6	1.5
HISTORY AND PHILOSOPHY OF SCIENCE	100.0	56.6	36.9	5.8	.4
LINGUISTICS	100.0	49.0	41.8	6.2	2.7
POLITICAL SCIENCE	100.0	41.3	50.5	6.2	1.8
SOCIOLOGY	100.0	42.0	46.1	9.7	2.1
SOCIOLOGY AND ANTHROPOLOGY	100.0	54.9	42.2	1.8	.9

TABLE A-20. FULL-TIME GRADUATE STUDENTS IN ALL GRADUATE DEPARTMENTS SUPPORTED BY NON-U.S. GOVERNMENT SOURCES, BY FIELD OF SCIENCE, 1972 (CONTINUED)

AREA AND FIELD OF SCIENCE	TOTAL	INSTITUTIONAL SUPPORT	SELF-SUPPORT	ALL OTHER U.S. SOURCES	FOREIGN SOURCES
			PERCENT DISTRIBUTION		
TOTAL, ALL FIELDS OF SCIENCE............	100.0	100.0	100.0	100.0	100.0
ENGINEERING..........................	18.5	14.3	21.1	30.5	32.2
AERONAUTICAL........................	.6	.8	.4	.6	1.0
AGRICULTURAL........................	.4	.4	.3	.3	1.4
CHEMICAL............................	1.8	1.5	1.3	5.1	3.5
CIVIL...............................	2.9	2.1	3.8	3.4	6.0
ELECTRICAL..........................	4.4	3.4	5.6	5.7	6.0
ENGINEERING SCIENCE.................	.7	.8	.5	1.0	.6
INDUSTRIAL..........................	2.0	1.3	3.0	1.5	3.6
MECHANICAL..........................	2.5	2.0	2.9	4.0	4.0
METALLURGICAL AND MATERIALS.........	.8	.6	.5	2.6	1.1
MINING..............................	.2	.2	.1	.4	.6
NUCLEAR.............................	.5	.4	.6	.5	1.1
PETROLEUM...........................	.2	.1	.1	.4	1.5
OTHER ENGINEERING...................	1.7	.9	2.2	5.1	1.7
PHYSICAL SCIENCES....................	16.7	22.7	8.1	14.1	11.4
ASTRONOMY...........................	.3	.3	.2	.3	.2
ATMOSPHERIC SCIENCES................	.3	.3	.2	.4	.6
CHEMISTRY...........................	7.4	11.2	1.9	6.3	3.2
GEOSCIENCES.........................	3.1	3.3	2.8	3.0	3.7
OCEANOGRAPHY........................	.6	.5	.6	1.1	.3
PHYSICS.............................	5.1	7.2	2.3	3.0	3.3
MATHEMATICAL SCIENCES................	9.6	11.5	8.2	4.4	6.0
APPLIED MATHEMATICS.................	1.8	1.5	2.3	1.9	1.7
MATHEMATICS.........................	6.9	9.1	5.0	1.8	3.3
STATISTICS..........................	.8	.9	.8	.6	1.0
LIFE SCIENCES........................	20.8	22.0	18.3	21.2	27.4
AGRICULTURE.........................	5.2	5.1	4.0	7.5	14.4
BIOCHEMISTRY........................	1.3	1.6	.9	1.4	.9
BIOLOGY.............................	5.0	5.5	4.8	3.8	1.3
BOTANY..............................	1.6	1.9	1.1	1.0	2.9
MICROBIOLOGY........................	1.2	1.3	1.1	1.0	1.1
PHARMACOLOGY........................	.8	.9	.6	1.1	1.3
PHYSIOLOGY..........................	.8	.7	1.0	1.0	.7
ZOOLOGY.............................	2.2	2.7	1.8	1.3	.5
OTHER LIFE SCIENCES.................	2.6	2.2	2.9	3.1	4.2
PSYCHOLOGY...........................	9.1	8.4	10.8	9.4	1.6
SOCIAL SCIENCES......................	25.3	21.2	33.8	20.5	21.4
AGRICULTURAL ECONOMICS..............	.8	.9	.5	.8	1.8
ANTHROPOLOGY........................	2.9	2.0	4.8	1.9	1.3
ECONOMICS (EXCEPT AGRICULTURAL).....	5.1	4.5	6.2	3.8	7.9
GEOGRAPHY...........................	1.7	1.7	1.7	1.3	.9
HISTORY AND PHILOSOPHY OF SCIENCE...	1.5	1.6	1.7	1.0	.2
LINGUISTICS.........................	1.2	.1	1.5	.9	1.2
POLITICAL SCIENCE...................	6.0	4.5	8.9	4.3	3.8
SOCIOLOGY...........................	5.5	4.3	7.6	6.2	4.1
SOCIOLOGY AND ANTHROPOLOGY..........	.6	.6	.7	.1	.2

TABLE A-21. POSTDOCTORALS IN ALL GRADUATE DEPARTMENTS, BY FIELD OF SCIENCE, 1971 AND 1972*

AREA AND FIELD OF SCIENCE	FALL 1971				FALL 1972			
	TOTAL POSTDOCTORALS		RECENT DOCTORALS		TOTAL POSTDOCTORALS		RECENT DOCTORALS	
	NUMBER	PERCENT DISTRIBUTION	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT DISTRIBUTION	NUMBER	PERCENT OF TOTAL
TOTAL, ALL FIELDS OF SCIENCE..........	12,652	100.0	9,119	72.1	13,743	100.0	9,904	72.1
ENGINEERING..........................	980	7.7	660	67.3	1,064	7.7	747	70.2
AERONAUTICAL.........................	45	.4	35	77.8	49	.4	32	65.3
AGRICULTURAL.........................	15	.1	6	40.0	21	.2	10	47.6
CHEMICAL.............................	168	1.3	85	50.6	211	1.5	127	60.2
CIVIL................................	97	.8	53	54.6	90	.7	57	63.3
ELECTRICAL...........................	142	1.1	111	78.2	155	1.1	123	79.4
ENGINEERING SCIENCE..................	75	.6	61	81.3	89	.6	66	74.2
INDUSTRIAL...........................	23	.2	12	52.2	18	.1	9	50.0
MECHANICAL...........................	104	.8	59	56.7	111	.8	76	68.5
METALLURGICAL AND MATERIALS..........	128	1.0	100	78.1	133	1.0	102	76.7
MINING...............................	8	.1	8	100.0	8	.1	8	100.0
NUCLEAR..............................	8	.1	6	75.0	12	.1	8	66.7
PETROLEUM............................	7	.1	3	42.9	9	.1	2	22.2
OTHER ENGINEERING....................	160	1.3	121	75.6	158	1.1	127	80.4
PHYSICAL SCIENCES....................	4,042	31.9	3,220	79.7	4,342	31.6	3,481	80.2
ASTRONOMY............................	63	.5	37	58.7	60	.4	40	66.7
ATMOSPHERIC SCIENCES.................	59	.5	28	47.5	44	.3	33	75.0
CHEMISTRY............................	2,295	18.1	1,951	85.0	2,445	17.8	2,094	85.6
GEOSCIENCES..........................	206	1.6	136	66.0	275	2.0	150	54.5
OCEANOGRAPHY.........................	28	.2	24	85.7	42	.3	33	78.6
PHYSICS..............................	1,391	11.0	1,044	75.1	1,476	10.7	1,131	76.6
MATHEMATICAL SCIENCES................	261	2.1	153	58.6	228	1.7	120	52.6
APPLIED MATHEMATICS..................	32	.3	17	53.1	40	.3	27	67.5
MATHEMATICS..........................	191	1.5	107	56.0	135	1.0	64	47.4
STATISTICS...........................	38	.3	29	76.3	53	.4	29	54.7
LIFE SCIENCES........................	6,602	52.2	4,620	70.0	7,225	52.6	4,983	69.0
AGRICULTURE..........................	464	3.7	294	63.4	540	3.9	365	67.6
BIOCHEMISTRY.........................	1,267	10.0	1,078	85.1	1,331	9.7	1,075	80.8
BIOLOGY..............................	1,082	8.6	841	77.7	1,081	7.9	831	76.9
BOTANY...............................	151	1.2	114	75.5	160	1.2	125	78.1
MICROBIOLOGY.........................	421	3.3	330	78.4	456	3.3	352	77.2
PHARMACOLOGY.........................	451	3.6	346	76.7	520	3.8	386	74.2
PHYSIOLOGY...........................	412	3.3	321	77.9	428	3.1	328	76.6
ZOOLOGY..............................	216	1.7	110	50.9	213	1.5	138	64.8
OTHER LIFE SCIENCES..................	2,138	16.9	1,186	55.5	2,496	18.2	1,383	55.4
PSYCHOLOGY...........................	486	3.8	311	64.0	489	3.6	324	66.3
SOCIAL SCIENCES......................	281	2.2	155	55.2	395	2.9	249	63.0
AGRICULTURAL ECONOMICS...............	8	.1	5	62.5	18	.1	14	77.8
ANTHROPOLOGY.........................	57	.5	11	19.3	82	.6	25	30.5
ECONOMICS (EXCEPT AGRICULTURAL)......	47	.4	24	51.1	41	.3	21	51.2
GEOGRAPHY............................	25	.2	23	92.0	27	.2	24	88.9
HISTORY AND PHILOSOPHY OF SCIENCE....	13	.1	6	46.2	14	.1	7	50.0
LINGUISTICS..........................	67	.5	52	77.6	86	.6	71	82.6
POLITICAL SCIENCE....................	17	.1	6	35.3	48	.3	33	68.8
SOCIOLOGY............................	35	.3	17	48.6	68	.5	43	63.2
SOCIOLOGY AND ANTHROPOLOGY...........	12	.1	11	91.7	11	.1	11	100.0

* AS REPORTED IN 1972.

TABLE B-1. GRADUATE STUDENTS IN MASTER'S DEPARTMENTS, BY FIELD OF SCIENCE AND ENROLLMENT STATUS, 1972

AREA AND FIELD OF SCIENCE	TOTAL		FULL TIME		PART TIME	
	NUMBER	PERCENT DISTRIBUTION	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL
TOTAL, ALL FIELDS OF SCIENCE	20,184	100.0	11,392	56.4	8,792	43.6
ENGINEERING	4,981	24.7	2,005	40.3	2,976	59.7
AERONAUTICAL	70	.3	42	60.0	28	40.0
AGRICULTURAL	155	.8	131	84.5	24	15.5
CHEMICAL	193	1.0	114	59.1	79	40.9
CIVIL	648	3.2	355	54.8	293	45.2
ELECTRICAL	565	2.8	208	36.8	357	63.2
ENGINEERING SCIENCE	555	2.7	102	18.4	453	81.6
INDUSTRIAL	1,087	5.4	426	39.2	661	60.8
MECHANICAL	416	2.1	217	52.2	199	47.8
METALLURGICAL AND MATERIALS	64	.3	54	84.4	10	15.6
MINING	38	.2	38	100.0		.0
NUCLEAR	21	.1	20	95.2	1	4.8
PETROLEUM	28	.1	14	50.0	14	50.0
OTHER ENGINEERING	1,141	5.7	284	24.9	857	75.1
PHYSICAL SCIENCES	1,992	9.9	1,404	70.5	588	29.5
ASTRONOMY	32	.2	19	59.4	13	40.6
ATMOSPHERIC SCIENCES	40	.2	34	85.0	6	15.0
CHEMISTRY	388	1.9	287	74.0	101	26.0
GEOSCIENCES	819	4.1	611	74.6	208	25.4
OCEANOGRAPHY	206	1.0	151	73.3	55	26.7
PHYSICS	507	2.5	302	59.6	205	40.4
MATHEMATICAL SCIENCES	2,390	11.8	1,069	44.7	1,321	55.3
APPLIED MATHEMATICS	541	2.7	280	51.8	261	48.2
MATHEMATICS	1,800	8.9	754	41.9	1,046	58.1
STATISTICS	49	.2	35	71.4	14	28.6
LIFE SCIENCES	3,375	16.7	2,390	70.8	985	29.2
AGRICULTURE	925	4.6	824	89.1	101	10.9
BIOCHEMISTRY	25	.1	17	68.0	8	32.0
BIOLOGY	1,380	6.8	784	56.8	596	43.2
BOTANY	27	.1	24	88.9	3	11.1
MICROBIOLOGY	86	.4	72	83.7	14	16.3
PHYSIOLOGY	43	.2	24	55.8	19	44.2
ZOOLOGY	19	.1	12	63.2	7	36.8
OTHER LIFE SCIENCES	870	4.3	633	72.8	237	27.2
PSYCHOLOGY	1,151	5.7	875	76.0	276	24.0
SOCIAL SCIENCES	6,295	31.2	3,649	58.0	2,646	42.0
AGRICULTURAL ECONOMICS	118	.6	113	95.8	5	4.2
ANTHROPOLOGY	395	2.0	302	76.5	93	23.5
ECONOMICS (EXCEPT AGRICULTURAL)	675	3.3	384	56.9	291	43.1
GEOGRAPHY	683	3.4	422	61.8	261	38.2
HISTORY AND PHILOSOPHY OF SCIENCE	19	.1	12	63.2	7	36.8
LINGUISTICS	186	.9	143	76.9	43	23.1
POLITICAL SCIENCE	1,932	9.6	960	49.7	972	50.3
SOCIOLOGY	1,876	9.3	1,065	56.8	811	43.2
SOCIOLOGY AND ANTHROPOLOGY	411	2.0	248	60.3	163	39.7

TABLE B-2. GRADUATE STUDENTS IN MASTER'S DEPARTMENTS, BY FIELD OF SCIENCE, ENROLLMENT STATUS, AND LEVEL OF STUDY, 1972

AREA AND FIELD OF SCIENCE	FULL TIME					PART TIME				
		FIRST YEAR		BEYOND FIRST YEAR			FIRST YEAR		BEYOND FIRST YEAR	
	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL
TOTAL, ALL FIELDS OF SCIENCE........	11,392	6,407	56.2	4,985	43.8	8,792	4,538	51.6	4,254	48.4
ENGINEERING..........................	2,005	1,176	58.7	829	41.3	2,976	1,560	52.4	1,416	47.6
AERONAUTICAL........................	42	22	52.4	20	47.6	28	20	71.4	8	28.6
AGRICULTURAL........................	131	64	48.9	67	51.1	24	9	37.5	15	62.5
CHEMICAL............................	114	44	38.6	70	61.4	79	20	25.3	59	74.7
CIVIL...............................	355	222	62.5	133	37.5	293	142	48.5	151	51.5
ELECTRICAL..........................	208	109	52.4	99	47.6	357	172	48.2	185	51.8
ENGINEERING SCIENCE.................	102	80	78.4	22	21.6	453	388	85.7	65	14.3
INDUSTRIAL..........................	426	299	70.2	127	29.8	661	329	49.8	332	50.2
MECHANICAL..........................	217	109	50.2	108	49.8	199	94	47.2	105	52.8
METALLURGICAL AND MATERIALS.........	54	23	42.6	31	57.4	10	3	30.0	7	70.0
MINING..............................	38	21	55.3	17	44.7			30.0		70.0
NUCLEAR.............................	20	10	50.0	10	50.0	1		.0	1	100.0
PETROLEUM...........................	14	9	64.3	5	35.7	14	9	64.3	5	35.7
OTHER ENGINEERING...................	284	164	57.7	120	42.3	857	374	43.6	483	56.4
PHYSICAL SCIENCES....................	1,404	705	50.2	699	49.8	588	257	43.7	331	56.3
ASTRONOMY...........................	19	15	78.9	4	21.1	13	12	92.3	1	7.7
ATMOSPHERIC SCIENCES................	34	17	50.0	17	50.0	6	3	50.0	3	50.0
CHEMISTRY...........................	287	123	42.9	164	57.1	101	50	49.5	51	50.5
GEOSCIENCES.........................	611	322	52.7	289	47.3	208	78	37.5	130	62.5
OCEANOGRAPHY........................	151	82	54.3	69	45.7	55	22	40.0	33	60.0
PHYSICS.............................	302	146	48.3	156	51.7	205	92	44.9	113	55.1
MATHEMATICAL SCIENCES................	1,069	611	57.2	458	42.8	1,321	756	57.2	565	42.8
APPLIED MATHEMATICS.................	280	121	43.2	159	56.8	261	121	46.4	140	53.6
MATHEMATICS.........................	754	478	63.4	276	36.6	1,046	628	60.0	418	40.0
STATISTICS..........................	35	12	34.3	23	65.7	14	7	50.0	7	50.0
LIFE SCIENCES........................	2,390	1,224	51.2	1,166	48.8	985	441	44.8	544	55.2
AGRICULTURE.........................	824	414	50.2	410	49.8	101	30	29.7	71	70.3
BIOCHEMISTRY........................	17	12	70.6	5	29.4	8	7	87.5	1	12.5
BIOLOGY.............................	784	360	45.9	424	54.1	596	246	41.3	350	58.7
BOTANY..............................	24	18	75.0	6	25.0	3		.0	3	100.0
MICROBIOLOGY........................	72	42	58.3	30	41.7	14	4	28.6	10	71.4
PHYSIOLOGY..........................	24	19	79.2	5	20.8	19	12	63.2	7	36.8
ZOOLOGY.............................	12	4	33.3	8	66.7	7		.0	7	100.0
OTHER LIFE SCIENCES.................	633	355	56.1	278	43.9	237	142	59.9	95	40.1
PSYCHOLOGY...........................	875	506	57.8	369	42.2	276	146	52.9	130	47.1
SOCIAL SCIENCES......................	3,649	2,185	59.9	1,464	40.1	2,646	1,378	52.1	1,268	47.9
AGRICULTURAL ECONOMICS..............	113	52	45.0	61	54.0	5	5	100.0		.0
ANTHROPOLOGY........................	302	138	45.7	164	54.3	93	36	38.7	57	61.3
ECONOMICS (EXCEPT AGRICULTURAL).....	384	280	72.9	104	27.1	291	190	65.3	101	34.7
GEOGRAPHY...........................	422	211	50.0	211	50.0	261	88	33.7	173	66.3
HISTORY AND PHILOSOPHY OF SCIENCE.	12	6	50.0	6	50.0	7	4	57.1	3	42.9
LINGUISTICS.........................	143	93	65.0	50	35.0	43	17	39.5	26	60.5
POLITICAL SCIENCE...................	960	610	63.5	350	36.5	972	536	55.1	436	44.9
SOCIOLOGY...........................	1,065	633	59.4	432	40.6	811	418	51.5	393	48.5
SOCIOLOGY AND ANTHROPOLOGY..........	248	162	65.3	86	34.7	163	84	51.5	79	48.5

TABLE B-3A. GRADUATE STUDENTS IN MASTER'S DEPARTMENTS, BY FIELD OF SCIENCE, CONTROL OF INSTITUTION, AND LEVEL OF STUDY, 1972

	PUBLIC					PRIVATE				
		FIRST YEAR		BEYOND FIRST YEAR			FIRST YEAR		BEYOND FIRST YEAR	
AREA AND FIELD OF SCIENCE	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL
TOTAL, ALL FIELDS OF SCIENCE........	15,322	8,328	54.4	6,994	45.6	4,862	2,617	53.8	2,245	46.2
ENGINEERING........................	3,561	1,952	54.8	1,609	45.2	1,420	784	55.2	636	44.8
AERONAUTICAL........................	33	17	51.5	16	48.5	37	25	67.6	12	32.4
AGRICULTURAL........................	155	73	47.1	82	52.9			.0		.0
CHEMICAL........................	163	48	29.4	115	70.6	30	16	53.3	14	46.7
CIVIL........................	289	156	54.0	133	46.0	359	208	57.9	151	42.1
ELECTRICAL........................	366	210	57.4	156	42.6	199	71	35.7	128	64.3
ENGINEERING SCIENCE................	555	468	84.3	87	15.7			.0		.0
INDUSTRIAL........................	707	412	58.3	295	41.7	380	216	56.8	164	43.2
MECHANICAL........................	253	125	49.4	128	50.6	163	78	47.9	85	52.1
METALLURGICAL AND MATERIALS........	64	26	40.6	38	59.4			.0		.0
MINING........................	38	21	55.3	17	44.7			.0		.0
NUCLEAR........................	21	10	47.6	11	52.4			.0		.0
PETROLEUM........................	28	18	64.3	10	35.7			.0		.0
OTHER ENGINEERING..................	889	368	41.4	521	58.6	252	170	67.5	82	32.5
PHYSICAL SCIENCES..................	1,626	750	46.1	876	53.9	366	212	57.9	154	42.1
ASTRONOMY........................	30	26	86.7	4	13.3	2	1	50.0	1	50.0
ATMOSPHERIC SCIENCES...............	40	20	50.0	20	50.0			.0		.0
CHEMISTRY........................	293	126	43.0	167	57.0	95	47	49.5	48	50.5
GEOSCIENCES........................	730	345	47.3	385	52.7	89	55	61.8	34	38.2
OCEANOGRAPHY........................	140	49	35.0	91	65.0	66	55	83.3	11	16.7
PHYSICS........................	393	184	46.8	209	53.2	114	54	47.4	60	52.6
MATHEMATICAL SCIENCES..............	1,643	958	58.3	685	41.7	747	409	54.8	338	45.2
APPLIED MATHEMATICS................	445	209	47.0	236	53.0	96	33	34.4	63	65.6
MATHEMATICS........................	1,154	731	63.3	423	36.7	646	375	58.0	271	42.0
STATISTICS........................	44	18	40.9	26	59.1	5	1	20.0	4	80.0
LIFE SCIENCES........................	2,535	1,247	49.2	1,288	50.8	840	418	49.8	422	50.2
AGRICULTURE........................	917	441	48.1	476	51.9	8	3	37.5	5	62.5
BIOCHEMISTRY........................	25	19	76.0	6	24.0			.0		.0
BIOLOGY........................	790	354	44.8	436	55.2	590	252	42.7	338	57.3
BOTANY........................	27	18	66.7	9	33.3			.0		.0
MICROBIOLOGY........................	74	43	58.1	31	41.9	12	3	25.0	9	75.0
PHARMACOLOGY........................			.0		.0			.0		.0
PHYSIOLOGY........................	43	31	72.1	12	27.9			.0		.0
ZOOLOGY........................	19	4	21.1	15	78.9			.0		.0
OTHER LIFE SCIENCES................	640	337	52.7	303	47.3	230	160	69.6	70	30.4
PSYCHOLOGY........................	926	517	55.8	409	44.2	225	135	60.0	90	40.0
SOCIAL SCIENCES........................	5,031	2,904	57.7	2,127	42.3	1,264	659	52.1	605	47.9
AGRICULTURAL ECONOMICS.............	118	57	48.3	61	51.7			.0		.0
ANTHROPOLOGY........................	328	152	46.3	176	53.7	67	22	32.8	45	67.2
ECONOMICS (EXCEPT AGRICULTURAL)...	563	415	73.7	148	26.3	112	55	49.1	57	50.9
GEOGRAPHY........................	654	282	43.1	372	56.9	29	17	58.6	12	41.4
HISTORY AND PHILOSOPHY OF SCIENCE.	9	4	44.4	5	55.6	10	6	60.0	4	40.0
LINGUISTICS........................	186	110	59.1	76	40.9			.0		.0
POLITICAL SCIENCE..................	1,321	822	62.2	499	37.8	611	324	53.0	287	47.0
SOCIOLOGY........................	1,456	825	56.7	631	43.3	420	226	53.8	194	46.2
SOCIOLOGY AND ANTHROPOLOGY.........	396	237	59.8	159	40.2	15	9	60.0	6	40.0

TABLE B-38. FULL-TIME GRADUATE STUDENTS IN MASTER'S DEPARTMENTS, BY FIELD OF SCIENCE, CONTROL OF INSTITUTION, AND LEVEL OF STUDY, 1972

AREA AND FIELD OF SCIENCE	PUBLIC					PRIVATE				
		FIRST YEAR		BEYOND FIRST YEAR			FIRST YEAR		BEYOND FIRST YEAR	
	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL
TOTAL, ALL FIELDS OF SCIENCE........	9,402	5,192	55.2	4,210	44.8	1,990	1,215	61.1	775	38.9
ENGINEERING........................	1,612	901	55.9	711	44.1	393	275	70.0	118	30.0
AERONAUTICAL.......................	21	11	52.4	10	47.6	21	11	52.4	10	47.6
AGRICULTURAL.......................	131	64	48.9	67	51.1			.0		.0
CHEMICAL...........................	110	41	37.3	69	62.7	4	3	75.0	1	25.0
CIVIL..............................	216	128	59.3	88	40.7	139	94	67.6	45	32.4
ELECTRICAL.........................	151	81	53.6	70	46.4	57	28	49.1	29	50.9
ENGINEERING SCIENCE................	102	80	78.4	22	21.6			.0		.0
INDUSTRIAL.........................	322	199	61.8	123	38.2	104	100	96.2	4	3.8
MECHANICAL.........................	180	90	50.0	90	50.0	37	19	51.4	18	48.6
METALLURGICAL AND MATERIALS........	54	23	42.6	31	57.4			.0		.0
MINING.............................	38	21	55.3	17	44.7			.0		.0
NUCLEAR............................	20	10	50.0	10	50.0			.0		.0
PETROLEUM..........................	14	9	64.3	5	35.7			.0		.0
OTHER ENGINEERING..................	253	144	56.9	109	43.1	31	20	64.5	11	35.5
PHYSICAL SCIENCES..................	1,186	570	48.1	616	51.9	218	135	61.9	83	38.1
ASTRONOMY..........................	18	14	77.8	4	22.2	1	1	100.0		.0
ATMOSPHERIC SCIENCES...............	34	17	50.0	17	50.0			.0		.0
CHEMISTRY..........................	226	95	42.0	131	58.0	61	28	45.9	33	54.1
GEOSCIENCES........................	560	293	52.3	267	47.7	51	29	56.9	22	43.1
OCEANOGRAPHY.......................	110	42	38.2	68	61.8	41	40	97.6	1	2.4
PHYSICS............................	238	109	45.8	129	54.2	64	37	57.8	27	42.2
MATHEMATICAL SCIENCES..............	836	470	56.2	366	43.8	233	141	60.5	92	39.5
APPLIED MATHEMATICS................	247	108	43.7	139	56.3	33	13	39.4	20	60.6
MATHEMATICS........................	559	351	62.8	208	37.2	195	127	65.1	68	34.9
STATISTICS.........................	30	11	36.7	19	63.3	5	1	20.0	4	80.0
LIFE SCIENCES......................	1,934	979	50.6	955	49.4	456	245	53.7	211	46.3
AGRICULTURE........................	816	411	50.4	405	49.6	8	3	37.5	5	62.5
BIOCHEMISTRY.......................	17	12	70.6	5	29.4			.0		.0
BIOLOGY............................	496	236	47.6	260	52.4	288	124	43.1	164	56.9
BOTANY.............................	24	18	75.0	6	25.0			.0		.0
MICROBIOLOGY.......................	62	39	62.9	23	37.1	10	3	30.0	7	70.0
PHARMACOLOGY.......................			.0		.0			.0		.0
PHYSIOLOGY.........................	24	19	79.2	5	20.8			.0		.0
ZOOLOGY............................	12	4	33.3	8	66.7			.0		.0
OTHER LIFE SCIENCES................	483	240	49.7	243	50.3	150	115	76.7	35	23.3
PSYCHOLOGY.........................	746	414	55.5	332	44.5	129	92	71.3	37	28.7
SOCIAL SCIENCES....................	3,088	1,858	60.2	1,230	39.8	561	327	58.3	234	41.7
AGRICULTURAL ECONOMICS.............	113	52	46.0	61	54.0			.0		.0
ANTHROPOLOGY.......................	261	125	47.9	136	52.1	41	13	31.7	28	68.3
ECONOMICS (EXCEPT AGRICULTURAL)...	344	254	73.8	90	26.2	40	26	65.0	14	35.0
GEOGRAPHY..........................	412	207	50.2	205	49.8	10	4	40.0	6	60.0
HISTORY AND PHILOSOPHY OF SCIENCE.	7	3	42.9	4	57.1	5	3	60.0	2	40.0
LINGUISTICS........................	143	93	65.0	50	35.0			.0		.0
POLITICAL SCIENCE..................	648	417	64.4	231	35.6	312	193	61.9	119	38.1
SOCIOLOGY..........................	920	551	59.9	369	40.1	145	82	56.6	63	43.4
SOCIOLOGY AND ANTHROPOLOGY.........	240	156	65.0	84	35.0	8	6	75.0	2	25.0

TABLE B-3C. PART-TIME GRADUATE STUDENTS IN MASTER'S DEPARTMENTS, BY FIELD OF SCIENCE, CONTROL OF INSTITUTION, AND LEVEL OF STUDY, 1972

AREA AND FIELD OF SCIENCE	PUBLIC					PRIVATE				
		FIRST YEAR		BEYOND FIRST YEAR			FIRST YEAR		BEYOND FIRST YEAR	
	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL
TOTAL, ALL FIELDS OF SCIENCE	5,920	3,136	53.0	2,784	47.0	2,872	1,402	48.8	1,470	51.2
ENGINEERING	1,949	1,051	53.9	898	46.1	1,027	509	49.6	518	50.4
AERONAUTICAL	12	6	50.0	6	50.0	16	14	87.5	2	12.5
AGRICULTURAL	24	9	37.5	15	62.5			.0		.0
CHEMICAL	53	7	13.2	46	86.8	26	13	50.0	13	50.0
CIVIL	73	28	38.4	45	61.6	220	114	51.8	106	48.2
ELECTRICAL	215	129	60.0	86	40.0	142	43	30.3	99	69.7
ENGINEERING SCIENCE	453	388	85.7	65	14.3			.0		.0
INDUSTRIAL	385	213	55.3	172	44.7	276	116	42.0	160	58.0
MECHANICAL	73	35	47.9	38	52.1	126	59	46.8	67	53.2
METALLURGICAL AND MATERIALS	10	3	30.0	7	70.0			.0		.0
MINING			.0		.0			.0		.0
NUCLEAR	1		.0	1	100.0			.0		.0
PETROLEUM	14	9	64.3	5	35.7			.0		.0
OTHER ENGINEERING	636	224	35.2	412	64.8	221	150	67.9	71	32.1
PHYSICAL SCIENCES	440	180	40.9	260	59.1	148	77	52.0	71	48.0
ASTRONOMY	12	12	100.0		.0	1		.0	1	100.0
ATMOSPHERIC SCIENCES	6	3	50.0	3	50.0			.0		.0
CHEMISTRY	67	31	46.3	36	53.7	34	19	55.9	15	44.1
GEOSCIENCES	170	52	30.6	118	69.4	38	26	68.4	12	31.6
OCEANOGRAPHY	30	7	23.3	23	76.7	25	15	60.0	10	40.0
PHYSICS	155	75	48.4	80	51.6	50	17	34.0	33	66.0
MATHEMATICAL SCIENCES	807	488	60.5	319	39.5	514	268	52.1	246	47.9
APPLIED MATHEMATICS	198	101	51.0	97	49.0	63	20	31.7	43	68.3
MATHEMATICS	595	380	63.9	215	36.1	451	248	55.0	203	[illegible]
STATISTICS	14	7	50.0	7	50.0			.0		.0
LIFE SCIENCES	601	268	44.6	333	55.4	384	173	45.1	211	54.9
AGRICULTURE	101	30	29.7	71	70.3			.0		.0
BIOCHEMISTRY	8	7	87.5	1	12.5			.0		.0
BIOLOGY	294	118	40.1	176	59.9	302	128	42.4	174	57.6
BOTANY	3		.0	3	100.0			.0		.0
MICROBIOLOGY	12	4	33.3	8	66.7	2		.0	2	100.0
PHARMACOLOGY			.0		.0			.0		.0
PHYSIOLOGY	19	12	63.2	7	36.8			.0		.0
ZOOLOGY	7		.0	7	100.0			.0		.0
OTHER LIFE SCIENCES	157	97	61.8	60	38.2	80	45	56.3	35	43.8
PSYCHOLOGY	180	103	57.2	77	42.8	96	43	44.8	53	55.2
SOCIAL SCIENCES	1,943	1,046	53.8	897	46.2	703	332	47.2	371	52.8
AGRICULTURAL ECONOMICS	5	5	100.0		.0			.0		.0
ANTHROPOLOGY	67	27	40.3	40	59.7	26	9	34.6	17	65.4
ECONOMICS (EXCEPT AGRICULTURAL)	219	161	73.5	58	26.5	72	29	40.3	43	59.7
GEOGRAPHY	242	75	31.0	167	69.0	19	13	68.4	6	31.6
HISTORY AND PHILOSOPHY OF SCIENCE	2	1	50.0	1	50.0	5	3	60.0	2	40.0
LINGUISTICS	43	17	39.5	26	60.5			.0		.0
POLITICAL SCIENCE	673	405	60.2	268	39.8	299	131	43.8	168	56.2
SOCIOLOGY	536	274	51.1	262	48.9	275	144	52.4	131	47.6
SOCIOLOGY AND ANTHROPOLOGY	156	81	51.9	75	48.1	7	3	42.9	4	57.1

TABLE B-4A. GRADUATE STUDENTS IN MASTER'S DEPARTMENTS, BY FIELD OF SCIENCE AND LEVEL OF STUDY, 1971 AND 1972*

AREA AND FIELD OF SCIENCE	FALL 1971 TOTAL	FALL 1971 FIRST YEAR NUMBER	FALL 1971 FIRST YEAR PERCENT OF TOTAL	FALL 1971 BEYOND FIRST YEAR NUMBER	FALL 1971 BEYOND FIRST YEAR PERCENT OF TOTAL	FALL 1972 TOTAL	FALL 1972 FIRST YEAR NUMBER	FALL 1972 FIRST YEAR PERCENT OF TOTAL	FALL 1972 BEYOND FIRST YEAR NUMBER	FALL 1972 BEYOND FIRST YEAR PERCENT OF TOTAL
TOTAL, ALL FIELDS OF SCIENCE	19,495	10,847	55.6	8,648	44.4	20,184	10,945	54.2	9,239	45.8
ENGINEERING	5,087	2,796	55.0	2,291	45.0	4,981	2,736	54.9	2,245	45.1
AERONAUTICAL	46	29	63.0	17	37.0	70	42	60.0	28	40.0
AGRICULTURAL	163	86	52.8	77	47.2	155	73	47.1	82	52.9
CHEMICAL	222	98	44.1	124	55.9	193	64	33.2	129	66.8
CIVIL	597	354	59.3	243	40.7	648	364	56.2	284	43.8
ELECTRICAL	589	257	43.6	332	56.4	565	281	[illegible]	284	50.3
ENGINEERING SCIENCE	607	535	88.1	72	11.9	555	468	[illegible]	87	15.7
INDUSTRIAL	1,089	645	59.2	444	40.8	1,087	[illegible]	57.8	459	42.2
MECHANICAL	414	199	48.1	215	51.9	416	203	48.8	213	[illegible]
METALLURGICAL AND MATERIALS	69	20	29.0	49	71.0	64	26	40.6	38	59.4
MINING	51	31	60.8	20	39.2	38	21	55.3	17	44.7
NUCLEAR	18	10	55.6	8	44.4	21	10	47.6	11	52.4
PETROLEUM	30	12	40.0	18	60.0	28	18	64.3	10	35.7
OTHER ENGINEERING	1,192	520	43.6	672	56.4	1,141	538	47.2	603	52.8
PHYSICAL SCIENCES	1,843	901	48.9	942	51.1	1,992	[illegible]	48.3	1,030	51.7
ASTRONOMY	21	13	61.9	8	38.1	32	27	84.4	5	15.6
ATMOSPHERIC SCIENCES	18	10	55.6	8	44.4	40	20	50.0	20	50.0
CHEMISTRY	412	186	45.1	226	54.9	388	173	44.6	215	55.4
GEOSCIENCES	726	347	47.8	379	52.2	819	400	48.8	419	51.2
OCEANOGRAPHY	197	107	54.3	90	45.7	206	104	50.5	102	49.5
PHYSICS	469	238	50.7	231	49.3	507	238	46.9	269	53.1
MATHEMATICAL SCIENCES	2,221	1,346	60.6	875	39.4	[illegible]	1,367	57.2	1,023	42.8
APPLIED MATHEMATICS	439	243	55.4	196	44.6	541	242	44.7	299	55.3
MATHEMATICS	1,736	1,083	62.4	653	37.6	1,800	1,106	61.4	694	38.6
STATISTICS	46	20	43.5	26	56.5	49	19	38.8	30	61.2
LIFE SCIENCES	3,127	1,560	49.9	1,567	50.1	3,375	1,665	49.3	1,710	50.7
AGRICULTURE	882	435	49.3	447	50.7	925	444	48.0	481	52.0
BIOCHEMISTRY	12	9	75.0	3	25.0	25	19	76.0	6	24.0
BIOLOGY	1,323	605	45.7	718	54.3	1,380	606	43.9	774	56.1
BOTANY	44	32	72.7	12	27.3	27	18	66.7	9	33.3
MICROBIOLOGY	95	56	58.9	39	41.1	86	46	53.5	40	46.5
PHYSIOLOGY	31	28	90.3	3	9.7	43	31	72.1	12	27.9
ZOOLOGY	6		.0	[illegible]	100.0	19	4	21.1	15	78.9
OTHER LIFE SCIENCES	734	395	53.8	[illegible]	46.2	870	497	57.1	373	42.9
PSYCHOLOGY	1,102	664	60.3	438	39.7	1,151	652	56.6	499	43.4
SOCIAL SCIENCES	6,115	3,580	58.5	2,535	41.5	6,295	3,563	56.6	2,732	43.4
AGRICULTURAL ECONOMICS	130	75	57.7	55	42.3	118	57	48.3	61	51.7
ANTHROPOLOGY	378	180	47.6	198	52.4	395	174	44.1	221	55.9
ECONOMICS (EXCEPT AGRICULTURAL)	690	476	69.0	214	31.0	675	470	69.6	205	30.4
GEOGRAPHY	696	356	51.1	340	48.9	683	299	43.8	384	56.2
HISTORY AND PHILOSOPHY OF SCIENCE	20	9	45.0	11	55.0	19	10	52.6	9	47.4
LINGUISTICS	186	88	47.3	98	52.7	186	110	59.1	76	40.9
POLITICAL SCIENCE	1,795	1,030	57.4	765	42.6	1,932	1,146	59.3	786	40.7
SOCIOLOGY	[illegible]	1,169	62.5	702	37.5	1,876	1,051	56.0	825	44.0
SOCIOLOGY AND ANTHROPOLOGY	349	197	56.4	152	43.6	411	246	59.9	165	40.1

* AS REPORTED IN 1972.

TABLE B-48. FULL-TIME GRADUATE STUDENTS IN MASTER'S DEPARTMENTS, BY FIELD OF SCIENCE AND LEVEL OF STUDY, 1971 AND 1972*

AREA AND FIELD OF SCIENCE	FALL 1971					FALL 1972				
		FIRST YEAR		BEYOND FIRST YEAR			FIRST YEAR		BEYOND FIRST YEAR	
	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL
TOTAL, ALL FIELDS OF SCIENCE	11,311	6,612	58.5	4,699	41.5	11,392	6,407	56.2	4,985	43.8
ENGINEERING	2,033	1,196	58.8	837	41.2	2,005	1,176	58.7	829	41.3
AERONAUTICAL	36	21	58.3	15	41.7	42	22	52.4	20	47.6
AGRICULTURAL	139	79	56.8	60	43.2	131	64	48.9	67	51.1
CHEMICAL	145	66	45.5	79	54.5	114	44	38.6	70	61.4
CIVIL	346	225	65.0	121	35.0	355	222	62.5	133	37.5
ELECTRICAL	261	143	54.8	118	45.2	208	109	52.4	99	47.6
ENGINEERING SCIENCE	70	46	65.7	24	34.3	102	80	78.4	22	21.6
INDUSTRIAL	337	231	68.5	106	31.5	426	299	70.2	127	29.8
MECHANICAL	243	126	51.9	117	48.1	217	109	50.2	108	49.8
METALLURGICAL AND MATERIALS	55	18	32.7	37	67.3	54	23	42.6	31	57.4
MINING	51	31	60.8	20	39.2	38	21	55.3	17	44.7
NUCLEAR	17	10	58.8	7	41.2	20	10	50.0	10	50.0
PETROLEUM	22	8	36.4	14	63.6	14	9	64.3	5	35.7
OTHER ENGINEERING	311	192	61.7	119	38.3	284	164	57.7	120	42.3
PHYSICAL SCIENCES	1,341	680	50.7	661	49.3	1,404	705	50.2	699	49.8
ASTRONOMY	20	12	60.0	8	40.0	19	15	78.9	4	21.1
ATMOSPHERIC SCIENCES	16	10	62.5	6	37.5	34	17	50.0	17	50.0
CHEMISTRY	291	126	43.3	165	56.7	287	123	42.9	164	57.1
GEOSCIENCES	570	294	51.6	276	48.4	611	322	52.7	289	47.3
OCEANOGRAPHY	149	79	53.0	70	47.0	151	82	54.3	69	45.7
PHYSICS	295	159	53.9	136	46.1	302	146	48.3	156	51.7
MATHEMATICAL SCIENCES	1,000	651	65.1	349	34.9	1,069	611	57.2	458	42.8
APPLIED MATHEMATICS	223	118	52.9	105	47.1	280	121	43.2	159	56.8
MATHEMATICS	743	518	69.7	225	30.3	754	478	63.4	276	36.6
STATISTICS	34	15	44.1	19	55.9	35	12	34.3	23	65.7
LIFE SCIENCES	2,244	1,138	50.7	1,106	49.3	2,390	1,224	51.2	1,166	48.8
AGRICULTURE	771	385	49.9	386	50.1	824	414	50.2	410	49.8
BIOCHEMISTRY	9	7	77.8	2	22.2	17	12	70.6	5	29.4
BIOLOGY	772	373	48.3	399	51.7	784	360	45.9	424	54.1
BOTANY	39	29	74.4	10	25.6	24	18	75.0	6	25.0
MICROBIOLOGY	76	38	50.0	38	50.0	72	42	58.3	30	41.7
PHYSIOLOGY	14	14	100.0		.0	24	19	79.2	5	20.8
ZOOLOGY			.0		.0	12	4	33.3	8	66.7
OTHER LIFE SCIENCES	563	292	51.9	271	48.1	633	355	56.1	278	43.9
PSYCHOLOGY	911	570	62.6	341	37.4	875	506	57.8	369	42.2
SOCIAL SCIENCES	3,782	2,377	62.9	1,405	37.1	3,649	2,185	59.9	1,464	40.1
AGRICULTURAL ECONOMICS	123	71	57.7	52	42.3	113	52	46.0	61	54.0
ANTHROPOLOGY	307	162	52.8	145	47.2	302	138	45.7	164	54.3
ECONOMICS (EXCEPT AGRICULTURAL)	422	308	73.0	114	27.0	384	280	72.9	104	27.1
GEOGRAPHY	442	268	60.6	174	39.4	422	211	50.0	211	50.0
HISTORY AND PHILOSOPHY OF SCIENCE	13	7	53.8	6	46.2	12	6	50.0	6	50.0
LINGUISTICS	155	71	45.8	84	54.2	143	93	65.0	50	35.0
POLITICAL SCIENCE	914	590	64.6	324	35.4	960	610	63.5	350	36.5
SOCIOLOGY	1,193	769	64.5	424	35.5	1,065	633	59.4	432	40.6
SOCIOLOGY AND ANTHROPOLOGY	213	131	61.5	82	38.5	248	162	65.3	86	34.7

* AS REPORTED IN 1972.

TABLE B-4C. PART-TIME GRADUATE STUDENTS IN MASTER'S DEPARTMENTS, BY FIELD OF SCIENCE AND LEVEL OF STUDY, 1971 AND 1972*

AREA AND FIELD OF SCIENCE	FALL 1971					FALL 1972				
		FIRST YEAR		BEYOND FIRST YEAR			FIRST YEAR		BEYOND FIRST YEAR	
	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL
TOTAL, ALL FIELDS OF SCIENCE.......	8,184	4,235	51.7	3,949	48.3	8,792	4,538	51.6	4,254	48.4
ENGINEERING........................	3,054	1,600	52.4	1,454	47.6	2,976	1,560	52.4	1,416	47.6
AERONAUTICAL.......................	10	8	80.0	2	20.0	28	20	71.4	8	28.6
AGRICULTURAL.......................	24	7	29.2	17	70.8	24	9	37.5	15	62.5
CHEMICAL...........................	77	32	41.6	45	58.4	79	20	25.3	59	74.7
CIVIL..............................	251	129	51.4	122	48.6	293	142	48.5	151	51.5
ELECTRICAL.........................	328	114	34.8	214	65.2	357	172	48.2	185	51.8
ENGINEERING SCIENCE................	537	489	91.1	48	8.9	453	388	85.7	65	14.3
INDUSTRIAL.........................	752	414	55.1	338	44.9	661	329	49.8	332	50.2
MECHANICAL.........................	171	73	42.7	98	57.3	199	94	47.2	105	52.8
METALLURGICAL AND MATERIALS........	14	2	14.3	12	85.7	10	3	30.0	7	70.0
NUCLEAR............................	1		.0	1	100.0	1		.0	1	100.0
PETROLEUM..........................	8	4	50.0	4	50.0	14	9	64.3	5	35.7
OTHER ENGINEERING..................	881	328	37.2	553	62.8	857	374	43.6	483	56.4
PHYSICAL SCIENCES..................	502	221	44.0	281	56.0	588	257	43.7	331	56.3
ASTRONOMY..........................	1	1	100.0		.0	13	12	92.3	1	7.7
ATMOSPHERIC SCIENCES...............	2		.0	2	100.0	6	3	50.0	3	50.0
CHEMISTRY..........................	121	60	49.6	61	50.4	101	50	49.5	51	50.5
GEOSCIENCES........................	156	53	34.0	103	66.0	208	78	37.5	130	62.5
OCEANOGRAPHY.......................	48	28	58.3	20	41.7	55	22	40.0	33	60.0
PHYSICS............................	174	79	45.4	95	54.6	205	92	44.9	113	55.1
MATHEMATICAL SCIENCES..............	1,221	695	56.9	526	43.1	1,321	756	57.2	565	42.8
APPLIED MATHEMATICS................	216	125	57.9	91	42.1	261	121	46.4	140	53.6
MATHEMATICS........................	993	565	56.9	428	43.1	1,046	628	60.0	418	40.0
STATISTICS.........................	12	5	41.7	7	58.3	14	7	50.0	7	50.0
LIFE SCIENCES......................	883	422	47.8	461	52.2	985	441	44.8	544	55.2
AGRICULTURE........................	111	50	45.0	61	55.0	101	30	29.7	71	70.3
BIOCHEMISTRY.......................	3	2	66.7	1	33.3	8	7	87.5	1	12.5
BIOLOGY............................	551	232	42.1	319	57.9	596	246	41.3	350	58.7
BOTANY.............................	5	3	60.0	2	40.0	3		.0	3	100.0
MICROBIOLOGY.......................	19	18	94.7	1	5.3	14	4	28.6	10	71.4
PHYSIOLOGY.........................	17	14	82.4	3	17.6	19	12	63.2	7	36.8
ZOOLOGY............................	6		.0	6	100.0	7		.0	7	100.0
OTHER LIFE SCIENCES................	171	103	60.2	68	39.8	237	142	59.9	95	40.1
PSYCHOLOGY.........................	191	94	49.2	97	50.8	276	146	52.9	130	47.1
SOCIAL SCIENCES....................	2,333	1,203	51.6	1,130	48.4	2,646	1,378	52.1	1,268	47.9
AGRICULTURAL ECONOMICS.............	7	4	57.1	3	42.9	5	5	100.0		.0
ANTHROPOLOGY.......................	71	18	25.4	53	74.6	93	36	38.7	57	61.3
ECONOMICS (EXCEPT AGRICULTURAL)..	268	168	62.7	100	37.3	291	190	65.3	101	34.7
GEOGRAPHY..........................	254	88	34.6	166	65.4	261	88	33.7	173	66.3
HISTORY AND PHILOSOPHY OF SCIENCE	7	2	28.8	5	71.4	7	4	57.1	3	42.9
LINGUISTICS........................	31	17	54.8	14	45.2	43	17	39.5	26	60.5
POLITICAL SCIENCE..................	881	440	49.9	441	50.1	972	536	55.1	436	44.9
SOCIOLOGY..........................	678	400	59.0	278	41.0	811	418	51.5	393	48.5
SOCIOLOGY AND ANTHROPOLOGY.......	136	66	48.5	70	51.5	163	84	51.5	79	48.5

* AS REPORTED IN 1972.

TABLE B-5. GRADUATE STUDENTS IN MASTER'S DEPARTMENTS, BY STATE, ENROLLMENT STATUS, AND SOURCE OF MAJOR SUPPORT, 1972

DIVISION AND STATE	TOTAL		FULL TIME						PART TIME	
			TOTAL		SUPPORTED BY U.S. GOVERNMENT SOURCES		SUPPORTED BY NON-U.S. GOVERNMENT SOURCES			
	NUMBER	PERCENT DISTRI-BUTION	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF FULL-TIME TOTAL	NUMBER	PERCENT OF FULL-TIME TOTAL	NUMBER	PERCENT OF TOTAL
UNITED STATES, TOTAL...........	20,184	100.0	11,392	56.4	1,926	16.9	9,466	83.1	8,792	43.6
NEW ENGLAND.....................	1,433	7.1	892	62.2	89	10.0	803	90.0	541	37.8
MAINE..........................	144	.7	120	83.3	6	5.0	114	95.0	24	16.7
NEW HAMPSHIRE..................	120	.6	92	76.7	27	29.3	65	70.7	28	23.3
VERMONT........................	34	.2	30	88.2	8	26.7	22	73.3	4	11.8
MASSACHUSETTS..................	895	4.4	464	51.8	23	5.0	441	95.0	431	48.2
RHODE ISLAND...................	155	.8	120	77.4	21	17.5	99	82.5	35	22.6
CONNECTICUT....................	85	.4	66	77.6	4	6.1	62	93.9	19	22.4
MIDDLE ATLANTIC................	3,322	16.5	952	28.7	108	11.3	844	88.7	2,370	71.3
NEW YORK.......................	1,568	7.8	503	32.1	50	9.9	453	90.1	1,065	67.9
NEW JERSEY.....................	423	2.1	91	21.5	17	18.7	74	81.3	332	78.5
PENNSYLVANIA...................	1,331	6.6	358	26.9	41	11.5	317	88.5	973	73.1
EAST NORTH CENTRAL.............	5,086	25.2	3,067	60.3	571	18.6	2,496	81.4	2,019	39.7
OHIO...........................	1,930	9.6	992	51.4	215	21.7	777	78.3	938	48.6
INDIANA........................	399	2.0	228	57.1	18	7.9	210	92.1	171	42.9
ILLINOIS.......................	1,078	5.3	793	73.6	120	15.1	673	84.9	285	26.4
MICHIGAN.......................	1,135	5.6	747	65.8	113	15.1	634	84.9	388	34.2
WISCONSIN......................	544	2.7	307	56.4	105	34.2	202	65.8	237	43.6
WEST NORTH CENTRAL.............	2,056	10.2	1,205	58.6	245	20.3	960	79.7	851	41.4
MINNESOTA......................	60	.3	52	86.7	29	55.8	23	44.2	8	13.3
IOWA...........................	65	.3	38	58.5		.0	38	100.0	27	41.5
MISSOURI.......................	814	4.0	293	36.0	37	12.6	256	87.4	521	64.0
NORTH DAKOTA...................	161	.8	120	74.5	7	5.8	113	94.2	41	25.5
SOUTH DAKOTA...................	347	1.7	266	76.7	73	27.4	193	72.6	81	23.3
NEBRASKA.......................	105	.5	73	69.5	26	35.6	47	64.4	32	30.5
KANSAS.........................	504	2.5	363	72.0	73	20.1	290	79.9	141	28.0
SOUTH ATLANTIC.................	2,317	11.5	1,375	59.3	292	21.2	1,083	78.8	942	40.7
DELAWARE.......................	55	.3	25	45.5	2	8.0	23	92.0	30	54.5
MARYLAND.......................	164	.8	113	68.9	59	52.2	54	47.8	51	31.1
DISTRICT OF COLUMBIA...........	116	.6	77	66.4	15	19.5	62	80.5	39	33.6
VIRGINIA.......................	271	1.3	162	59.8	5	3.1	157	96.9	109	40.2
WEST VIRGINIA..................	188	.9	133	70.7	24	18.0	109	82.0	55	29.3
NORTH CAROLINA.................	266	1.3	149	56.0	15	10.1	134	89.9	117	44.0
SOUTH CAROLINA.................	153	.8	104	68.0	35	33.7	69	66.3	49	32.0
GEORGIA........................	369	1.8	157	42.5	31	19.7	126	80.3	212	57.5
FLORIDA........................	735	3.6	455	61.9	106	23.3	349	76.7	280	38.1
EAST SOUTH CENTRAL.............	1,065	5.3	648	60.8	75	11.6	573	88.4	417	39.2
KENTUCKY.......................	164	.8	91	55.5	4	4.4	87	95.6	73	44.5
TENNESSEE......................	459	2.3	242	52.7	22	9.1	220	90.9	217	47.3
ALABAMA........................	182	.9	134	73.6	22	16.4	112	83.6	48	26.4
MISSISSIPPI....................	260	1.3	181	69.6	27	14.9	154	85.1	79	30.4
WEST SOUTH CENTRAL.............	1,460	7.2	875	59.9	83	9.5	792	90.5	585	40.1
ARKANSAS.......................	178	.9	94	52.8	13	13.8	81	86.2	84	47.2
LOUISIANA......................	354	1.8	207	58.5	25	12.1	182	87.9	147	41.5
OKLAHOMA.......................	172	.9	88	51.2	16	18.2	72	81.8	84	48.8
TEXAS..........................	756	3.7	486	64.3	29	6.0	457	94.0	270	35.7
MOUNTAIN.......................	1,430	7.1	1,155	80.8	210	18.2	945	81.8	275	19.2
MONTANA........................	122	.6	109	89.3	10	9.2	99	90.8	13	10.7
IDAHO..........................	217	1.1	189	87.1	21	11.1	168	88.9	28	12.9
WYOMING........................	98	.5	83	84.7	26	31.3	57	68.7	15	15.3
COLORADO.......................	163	.8	137	84.0	47	34.3	90	65.7	26	16.0
NEW MEXICO.....................	327	1.6	232	70.9	57	24.6	175	75.4	95	29.1
ARIZONA........................	252	1.2	193	76.6	22	11.4	171	88.6	59	23.4
UTAH...........................	133	.7	117	88.0	9	7.7	108	92.3	16	12.0
NEVADA.........................	118	.6	95	80.5	18	18.9	77	81.1	23	19.5
PACIFIC........................	1,453	7.2	937	64.5	222	23.7	715	76.3	516	35.5
WASHINGTON.....................	82	.4	75	91.5	22	29.3	53	70.7	7	8.5
OREGON.........................	239	1.2	157	65.7	28	17.8	129	82.2	82	34.3
CALIFORNIA.....................	930	4.6	543	58.4	106	19.5	437	80.5	387	41.6
ALASKA.........................	83	.4	59	71.1	13	22.0	46	78.0	24	28.9
HAWAII.........................	119	.6	103	86.6	53	51.5	50	48.5	16	13.4
OUTLYING AREAS.................	562	2.8	286	50.9	31	10.8	255	89.2	276	49.1

TABLE B-6. FULL-TIME GRADUATE STUDENTS IN MASTER'S DEPARTMENTS, BY FIELD OF SCIENCE AND CITIZENSHIP, 1972

AREA AND FIELD OF SCIENCE	TOTAL		U.S. CITIZENS		FOREIGN STUDENTS	
	NUMBER	PERCENT DISTRI- BUTION	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL
TOTAL, ALL FIELDS OF SCIENCE	11,392	100.0	9,805	86.1	1,587	13.9
ENGINEERING	2,005	17.6	1,398	69.7	607	30.3
AERONAUTICAL	42	.4	26	61.9	16	38.1
AGRICULTURAL	131	1.1	68	51.9	63	48.1
CHEMICAL	114	1.0	60	52.6	54	47.4
CIVIL	355	3.1	260	73.2	95	26.8
ELECTRICAL	208	1.8	130	62.5	78	37.5
ENGINEERING SCIENCE	102	.9	68	66.7	34	33.3
INDUSTRIAL	426	3.7	351	82.4	75	17.6
MECHANICAL	217	1.9	143	65.9	74	34.1
METALLURGICAL AND MATERIALS	54	.5	47	87.0	7	13.0
MINING	38	.3	14	36.8	24	63.2
NUCLEAR	20	.2	13	65.0	7	35.0
PETROLEUM	14	.1	8	57.1	6	42.9
OTHER ENGINEERING	284	2.5	210	73.9	74	26.1
PHYSICAL SCIENCES	1,404	12.3	1,207	86.0	197	14.0
ASTRONOMY	19	.2	18	94.7	1	5.3
ATMOSPHERIC SCIENCES	34	.3	27	79.4	7	20.6
CHEMISTRY	287	2.5	219	76.3	68	23.7
GEOSCIENCES	611	5.4	573	93.8	38	6.2
OCEANOGRAPHY	151	1.3	139	92.1	12	7.9
PHYSICS	302	2.7	231	76.5	71	23.5
MATHEMATICAL SCIENCES	1,069	9.4	956	89.4	113	10.6
APPLIED MATHEMATICS	280	2.5	228	81.4	52	18.6
MATHEMATICS	754	6.6	708	93.9	46	6.1
STATISTICS	35	.3	20	57.1	15	42.9
LIFE SCIENCES	2,390	21.0	2,098	87.8	292	12.2
AGRICULTURE	824	7.2	654	79.4	170	20.6
BIOCHEMISTRY	17	.1	15	88.2	2	11.8
BIOLOGY	784	6.9	738	94.1	46	5.9
BOTANY	24	.2	24	100.0		.0
MICROBIOLOGY	72	.6	65	90.3	7	9.7
PHYSIOLOGY	24	.2	24	100.0		.0
ZOOLOGY	12	.1	10	83.3	2	16.7
OTHER LIFE SCIENCES	633	5.6	568	89.7	65	10.3
PSYCHOLOGY	875	7.7	845	96.6	30	3.4
SOCIAL SCIENCES	3,649	32.0	3,301	90.5	348	9.5
AGRICULTURAL ECONOMICS	113	1.0	81	71.7	32	28.3
ANTHROPOLOGY	302	2.7	289	95.7	13	4.3
ECONOMICS (EXCEPT AGRICULTURAL)	384	3.4	309	80.5	75	19.5
GEOGRAPHY	422	3.7	391	92.7	31	7.3
HISTORY AND PHILOSOPHY OF SCIENCE	12	.1	11	91.7	1	8.3
LINGUISTICS	143	1.3	136	95.1	7	4.9
POLITICAL SCIENCE	960	8.4	852	88.8	108	11.3
SOCIOLOGY	1,065	9.3	1,003	94.2	62	5.8
SOCIOLOGY AND ANTHROPOLOGY	248	2.2	229	92.3	19	7.7

TABLE B-7. FULL-TIME GRADUATE STUDENTS IN MASTER'S DEPARTMENTS, BY FIELD OF SCIENCE, CITIZENSHIP, AND LEVEL OF STUDY, 1972

AREA AND FIELD OF SCIENCE	U.S. CITIZENS					FOREIGN STUDENTS				
		FIRST YEAR		BEYOND FIRST YEAR			FIRST YEAR		BEYOND FIRST YEAR	
	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL
TOTAL, ALL FIELDS OF SCIENCE	9,805	5,638	57.5	4,167	42.5	1,587	769	48.5	818	51.5
ENGINEERING..........................	1,398	892	63.8	506	36.2	607	284	46.8	323	53.2
AERONAUTICAL.........................	26	16	61.5	10	38.5	16	6	37.5	10	62.5
AGRICULTURAL.........................	68	42	61.8	26	38.2	63	22	34.9	41	65.1
CHEMICAL.............................	60	27	45.0	33	55.0	54	17	31.5	37	68.5
CIVIL................................	260	170	65.4	90	34.6	95	52	54.7	43	45.3
ELECTRICAL...........................	130	86	66.2	44	33.8	78	23	29.5	55	70.5
ENGINEERING SCIENCE..................	68	54	79.4	14	20.6	34	26	76.5	8	23.5
INDUSTRIAL...........................	351	245	69.8	106	30.2	75	54	72.0	21	28.0
MECHANICAL...........................	143	78	54.5	65	45.5	74	31	41.9	43	58.1
METALLURGICAL AND MATERIALS..........	47	22	46.8	25	53.2	7	1	14.3	6	85.7
MINING...............................	14	8	57.1	6	42.9	24	13	54.2	11	45.8
NUCLEAR..............................	13	7	53.8	6	46.2	7	3	42.9	4	57.1
PETROLEUM............................	8	4	50.0	4	50.0	6	5	83.3	1	16.7
OTHER ENGINEERING....................	210	133	63.3	77	36.7	74	31	41.9	43	58.1
PHYSICAL SCIENCES....................	1,207	614	50.9	593	49.1	197	91	46.2	106	53.8
ASTRONOMY............................	18	14	77.8	4	22.2	1	1	100.0		.0
ATMOSPHERIC SCIENCES.................	27	12	44.4	15	55.6	7	5	71.4	2	28.6
CHEMISTRY............................	219	103	47.0	116	53.0	68	20	29.4	48	70.6
GEOSCIENCES..........................	573	302	52.7	271	47.3	38	20	52.6	18	47.4
OCEANOGRAPHY.........................	139	73	52.5	66	47.5	12	9	75.0	3	25.0
PHYSICS..............................	231	110	47.6	121	52.4	71	36	50.7	35	49.3
MATHEMATICAL SCIENCES................	956	555	58.1	401	41.9	113	56	49.6	57	50.4
APPLIED MATHEMATICS..................	228	99	43.4	129	56.6	52	22	42.3	30	57.7
MATHEMATICS..........................	708	449	63.4	259	36.6	46	29	63.0	17	37.0
STATISTICS...........................	20	7	35.0	13	65.0	15	5	33.3	10	66.7
LIFE SCIENCES........................	2,098	1,077	51.3	1,021	48.7	292	147	50.3	145	49.7
AGRICULTURE..........................	654	340	52.0	314	48.0	170	74	43.5	96	56.5
BIOCHEMISTRY.........................	15	10	66.7	5	33.3	2	2	100.0		.0
BIOLOGY..............................	738	334	45.3	404	54.7	46	26	56.5	20	43.5
BOTANY...............................	24	18	75.0	6	25.0			.0		.0
MICROBIOLOGY.........................	65	39	60.0	26	40.0	7	3	42.9	4	57.1
PHYSIOLOGY...........................	24	19	79.2	5	20.8			.0		.0
ZOOLOGY..............................	10	3	30.0	7	70.0	2	1	50.0	1	50.0
OTHER LIFE SCIENCES..................	568	314	55.3	254	44.7	65	41	63.1	24	36.9
PSYCHOLOGY...........................	845	487	57.6	358	42.4	30	19	63.3	11	36.7
SOCIAL SCIENCES......................	3,301	2,013	61.0	1,288	39.0	348	172	49.4	176	50.6
AGRICULTURAL ECONOMICS...............	81	43	53.1	38	46.9	32	9	28.1	23	71.9
ANTHROPOLOGY.........................	289	134	46.4	155	53.6	13	4	30.8	9	69.2
ECONOMICS (EXCEPT AGRICULTURAL)......	309	231	74.8	78	25.2	75	49	65.3	26	34.7
GEOGRAPHY............................	391	194	49.6	197	50.4	31	17	54.8	14	45.2
HISTORY AND PHILOSOPHY OF SCIENCE....	11	6	54.5	5	45.5	1		.0	1	100.0
LINGUISTICS..........................	136	90	66.2	46	33.8	7	3	42.9	4	57.1
POLITICAL SCIENCE....................	852	558	65.5	294	34.5	108	52	48.1	56	51.9
SOCIOLOGY............................	1,003	603	60.1	400	39.9	62	30	48.4	32	51.6
SOCIOLOGY AND ANTHROPOLOGY...........	229	154	67.2	75	32.8	19	8	42.1	11	57.9

TABLE B-8. FULL-TIME GRADUATE STUDENTS IN MASTER'S DEPARTMENTS, BY FIELD OF SCIENCE AND SEX OF STUDENT, 1972

AREA AND FIELD OF SCIENCE	TOTAL		MEN		WOMEN	
	NUMBER	PERCENT DISTRI-BUTION	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL
TOTAL, ALL FIELDS OF SCIENCE.............	11,392	100.0	8,786	77.1	2,606	22.9
ENGINEERING..............................	2,005	17.6	1,904	95.0	101	5.0
AERONAUTICAL............................	42	.4	41	97.6	1	2.4
AGRICULTURAL............................	131	1.1	126	96.2	5	3.8
CHEMICAL................................	114	1.0	97	85.1	17	14.9
CIVIL...................................	355	3.1	348	98.0	7	2.0
ELECTRICAL..............................	208	1.8	205	98.6	3	1.4
ENGINEERING SCIENCE.....................	102	.9	99	97.1	3	2.9
INDUSTRIAL..............................	426	3.7	386	90.6	40	9.4
MECHANICAL..............................	217	1.9	217	100.0		.0
METALLURGICAL AND MATERIALS.............	54	.5	51	94.4	3	5.6
MINING..................................	38	.3	34	89.5	4	10.5
NUCLEAR.................................	20	.2	20	100.0		.0
PETROLEUM...............................	14	.1	14	100.0		.0
OTHER ENGINEERING.......................	284	2.5	266	93.7	18	6.3
PHYSICAL SCIENCES........................	1,404	12.3	1,205	85.8	199	14.2
ASTRONOMY...............................	19	.2	17	89.5	2	10.5
ATMOSPHERIC SCIENCES....................	34	.3	31	91.2	3	8.8
CHEMISTRY...............................	287	2.5	216	75.3	71	24.7
GEOSCIENCES.............................	611	5.4	530	86.7	81	13.3
OCEANOGRAPHY............................	151	1.3	134	88.7	17	11.3
PHYSICS.................................	302	2.7	277	91.7	25	8.3
MATHEMATICAL SCIENCES....................	1,069	9.4	823	77.0	246	23.0
APPLIED MATHEMATICS.....................	280	2.5	249	88.9	31	11.1
MATHEMATICS.............................	754	6.6	550	72.9	204	27.1
STATISTICS..............................	35	.3	24	68.6	11	31.4
LIFE SCIENCES............................	2,390	21.0	1,700	71.1	690	28.9
AGRICULTURE.............................	824	7.2	700	85.0	124	15.0
BIOCHEMISTRY............................	17	.1	15	88.2	2	11.8
BIOLOGY.................................	784	6.9	479	61.1	305	38.9
BOTANY..................................	24	.2	17	70.8	7	29.2
MICROBIOLOGY............................	72	.6	52	72.2	20	27.8
PHYSIOLOGY..............................	24	.2	17	70.8	7	29.2
ZOOLOGY.................................	12	.1	12	100.0		.0
OTHER LIFE SCIENCES.....................	633	5.6	408	64.5	225	35.5
PSYCHOLOGY...............................	875	7.7	506	57.8	369	42.2
SOCIAL SCIENCES..........................	3,649	32.0	2,648	72.6	1,001	27.4
AGRICULTURAL ECONOMICS..................	113	1.0	108	95.6	5	4.4
ANTHROPOLOGY............................	302	2.7	178	58.9	124	41.1
ECONOMICS (EXCEPT AGRICULTURAL).........	384	3.4	334	87.0	50	13.0
GEOGRAPHY...............................	422	3.7	359	85.1	63	14.9
HISTORY AND PHILOSOPHY OF SCIENCE.......	12	.1	9	75.0	3	25.0
LINGUISTICS.............................	143	1.3	50	35.0	93	65.0
POLITICAL SCIENCE.......................	960	8.4	802	83.5	158	16.5
SOCIOLOGY...............................	1,065	9.3	662	62.2	403	37.8
SOCIOLOGY AND ANTHROPOLOGY..............	248	2.2	146	58.9	102	41.1

TABLE B-9. FULL-TIME GRADUATE STUDENTS IN MASTER'S DEPARTMENTS, BY FIELD OF SCIENCE, SEX OF STUDENT, AND LEVEL OF STUDY, 1972

AREA AND FIELD OF SCIENCE	MEN					WOMEN				
		FIRST YEAR		BEYOND FIRST YEAR			FIRST YEAR		BEYOND FIRST YEAR	
	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL
TOTAL, ALL FIELDS OF SCIENCE........	8,786	4,956	56.4	3,830	43.6	2,606	1,451	55.7	1,155	44.3
ENGINEERING........................	1,904	1,117	58.7	787	41.3	101	59	58.4	42	41.6
AERONAUTICAL.......................	41	21	51.2	20	48.8	1	1	100.0		.0
AGRICULTURAL.......................	126	63	50.0	63	50.0	5	1	20.0	4	80.0
CHEMICAL...........................	97	35	36.1	62	63.9	17	9	52.9	8	47.1
CIVIL..............................	348	218	62.6	130	37.4	7	4	57.1	3	42.9
ELECTRICAL.........................	205	108	52.7	97	47.3	3	1	33.3	2	66.7
ENGINEERING SCIENCE................	99	77	77.8	22	22.2	3	3	100.0		.0
INDUSTRIAL.........................	386	273	70.7	113	29.3	40	26	65.0	14	35.0
MECHANICAL.........................	217	109	50.2	108	49.8			.0		.0
METALLURGICAL AND MATERIALS........	51	21	41.2	30	58.8	3	2	66.7	1	33.3
MINING.............................	34	20	58.8	14	41.2	4	1	25.0	3	75.0
NUCLEAR............................	20	10	50.0	10	50.0			.0		.0
PETROLEUM..........................	14	9	64.3	5	35.7			.0		.0
OTHER ENGINEERING..................	266	153	57.5	113	42.5	18	11	61.1	7	38.9
PHYSICAL SCIENCES..................	1,205	604	50.1	601	49.9	199	101	50.8	98	49.2
ASTRONOMY..........................	17	13	76.5	4	23.5	2	2	100.0		.0
ATMOSPHERIC SCIENCES...............	31	16	51.6	15	48.4	3	1	33.3	2	66.7
CHEMISTRY..........................	216	94	43.5	122	56.5	71	29	40.8	42	59.2
GEOSCIENCES........................	530	277	52.3	253	47.7	81	45	55.6	36	44.4
OCEANOGRAPHY.......................	134	71	53.0	63	47.0	17	11	64.7	6	35.3
PHYSICS............................	277	133	48.0	144	52.0	25	13	52.0	12	48.0
MATHEMATICAL SCIENCES..............	823	461	56.0	362	44.0	246	150	61.0	96	39.0
APPLIED MATHEMATICS................	249	103	41.4	146	58.6	31	18	58.1	13	41.9
MATHEMATICS........................	550	353	64.2	197	35.8	204	125	61.3	79	38.7
STATISTICS.........................	24	5	20.8	19	79.2	11	7	63.6	4	36.4
LIFE SCIENCES......................	1,700	877	51.6	823	48.4	690	347	50.3	343	49.7
AGRICULTURE........................	700	351	50.1	349	49.9	124	63	50.8	61	49.2
BIOCHEMISTRY.......................	15	11	73.3	4	26.7	2	1	50.0	1	50.0
BIOLOGY............................	479	239	49.9	240	50.1	305	121	39.7	184	60.3
BOTANY.............................	17	13	76.5	4	23.5	7	5	71.4	2	28.6
MICROBIOLOGY.......................	52	28	53.8	24	46.2	20	14	70.0	6	30.0
PHYSIOLOGY.........................	17	14	82.4	3	17.6	7	5	71.4	2	28.6
ZOOLOGY............................	12	4	33.3	8	66.7			.0		.0
OTHER LIFE SCIENCES................	408	217	53.2	191	46.8	225	138	61.3	87	38.7
PSYCHOLOGY.........................	[illegible]	286	56.5	220	43.5	369	220	59.6	149	40.4
SOCIAL SCIENCES....................	2,648	1,611	60.8	1,037	39.2	1,001	574	57.3	427	42.7
AGRICULTURAL ECONOMICS.............	108	47	43.5	61	56.5	5	5	100.0		.0
ANTHROPOLOGY.......................	178	87	48.9	91	51.1	124	51	41.1	73	58.9
ECONOMICS (EXCEPT AGRICULTURAL)...	334	248	74.3	86	25.7	50	32	64.0	18	36.0
GEOGRAPHY..........................	359	178	49.6	181	50.4	63	33	52.4	30	47.6
HISTORY AND PHILOSOPHY OF SCIENCE.	9	5	55.6	4	44.4	3	1	33.3	2	66.7
LINGUISTICS........................	50	34	68.0	16	32.0	93	59	63.4	34	36.6
POLITICAL SCIENCE..................	802	514	64.1	288	35.9	158	96	60.8	62	39.2
SOCIOLOGY..........................	662	401	60.6	261	39.4	403	232	57.6	171	42.4
SOCIOLOGY AND ANTHROPOLOGY.........	146	97	66.4	49	33.6	102	65	63.7	37	36.3

TABLE B-10. FULL-TIME GRADUATE STUDENTS IN MASTER'S DEPARTMENTS, BY FIELD OF SCIENCE AND TYPE OF MAJOR SUPPORT, 1972

AREA AND FIELD OF SCIENCE	TOTAL		FELLOWSHIPS AND TRAINEESHIPS		RESEARCH ASSISTANTSHIPS		TEACHING ASSISTANTSHIPS		OTHER TYPES OF SUPPORT	
	NUMBER	PERCENT DISTRI-BUTION	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL
TOTAL, ALL FIELDS OF SCIENCE........	11,392	100.0	1,218	10.7	1,810	15.9	3,124	27.4	5,240	46.0
ENGINEERING..........................	2,005	17.6	188	9.4	367	18.3	409	20.4	1,041	51.9
AERONAUTICAL.........................	42	.4	6	14.3	17	40.5	2	4.8	17	40.5
AGRICULTURAL.........................	131	1.1	4	3.1	62	47.3	8	6.1	57	43.5
CHEMICAL.............................	114	1.0	5	4.4	21	18.4	20	17.5	68	59.6
CIVIL................................	355	3.1	69	19.4	54	15.2	82	23.1	150	42.3
ELECTRICAL...........................	208	1.8	9	4.3	24	11.5	58	27.9	117	56.3
ENGINEERING SCIENCE..................	102	.9	5	4.9	31	30.4	24	23.5	42	41.2
INDUSTRIAL...........................	426	3.7	53	12.4	26	6.1	53	12.4	294	69.0
MECHANICAL...........................	217	1.9	9	4.1	41	18.9	64	29.5	103	47.5
METALLURGICAL AND MATERIALS.........	54	.5	6	11.1	40	74.1	4	7.4	4	7.4
MINING...............................	38	.3		.0	10	26.3	6	15.8	22	57.9
NUCLEAR..............................	20	.2		.0	6	30.0	4	20.0	10	50.0
PETROLEUM............................	14	.1	3	21.4	6	42.9	1	7.1	4	28.6
OTHER ENGINEERING....................	284	2.5	19	6.7	29	10.2	83	29.2	153	53.9
PHYSICAL SCIENCES....................	1,404	12.3	75	5.3	283	20.2	686	48.9	360	25.6
ASTRONOMY............................	19	.2		.0	1	5.3	14	73.7	4	21.1
ATMOSPHERIC SCIENCES.................	34	.3	4	11.8	24	70.6		.0	6	17.6
CHEMISTRY............................	287	2.5	28	9.8	45	15.7	160	55.7	54	18.8
GEOSCIENCES..........................	611	5.4	23	3.8	80	13.1	286	46.8	222	36.3
OCEANOGRAPHY.........................	151	1.3	2	1.3	97	64.2	22	14.6	30	19.9
PHYSICS..............................	302	2.7	18	6.0	36	11.9	204	67.5	44	14.6
MATHEMATICAL SCIENCES................	1,069	9.4	33	3.1	52	4.9	552	51.6	432	40.4
APPLIED MATHEMATICS..................	280	2.5	4	1.4	23	8.2	54	19.3	199	71.1
MATHEMATICS..........................	754	6.6	23	3.1	24	3.2	491	65.1	216	28.6
STATISTICS...........................	35	.3	6	17.1	5	14.3	7	20.0	17	48.6
LIFE SCIENCES........................	2,390	21.0	507	21.2	482	20.2	501	21.0	900	37.7
AGRICULTURE..........................	824	7.2	115	14.0	359	43.6	68	8.3	282	34.2
BIOCHEMISTRY.........................	17	.1	3	17.6	1	5.9	7	41.2	6	35.3
BIOLOGY..............................	784	6.9	45	5.7	42	5.4	351	44.8	346	44.1
BOTANY...............................	24	.2	5	20.8	4	16.7	12	50.0	3	12.5
MICROBIOLOGY.........................	72	.6	[illegible]	11.1	20	27.8	22	30.6	22	30.6
PHYSIOLOGY...........................	24	.2		.0	11	45.8	13	54.2		.0
ZOOLOGY..............................	12	.1		.0	7	58.3	1	8.3	4	33.3
OTHER LIFE SCIENCES..................	633	5.6	331	52.3	38	6.0	27	4.3	237	37.4
PSYCHOLOGY...........................	875	7.7	39	4.5	90	10.3	146	16.7	600	68.6
SOCIAL SCIENCES......................	3,649	32.0	376	10.3	536	14.7	830	22.7	1,907	52.3
AGRICULTURAL ECONOMICS...............	113	1.0	10	8.8	57	50.4	17	15.0	29	25.7
ANTHROPOLOGY.........................	302	2.7	10	3.3	38	12.6	64	21.2	190	62.9
ECONOMICS (EXCEPT AGRICULTURAL)......	384	3.4	16	4.2	50	13.0	103	26.8	215	56.0
GEOGRAPHY............................	422	3.7	25	5.9	40	9.5	168	39.8	189	44.8
HISTORY AND PHILOSOPHY OF SCIENCE....	12	.1		.0		.0	5	41.7	7	58.3
LINGUISTICS..........................	143	1.3	54	37.8	9	6.3	16	11.2	64	44.8
POLITICAL SCIENCE....................	960	8.4	114	11.9	98	10.2	194	20.2	554	57.7
SOCIOLOGY............................	1,065	9.3	142	13.3	178	16.7	203	19.1	542	50.9
SOCIOLOGY AND ANTHROPOLOGY...........	248	2.2	5	2.0	66	26.6	60	24.2	117	47.2

TABLE B-11. FULL-TIME GRADUATE STUDENTS IN MASTER'S DEPARTMENTS, BY AREA OF SCIENCE, CITIZENSHIP, AND TYPE OF MAJOR SUPPORT, 1972

AREA OF SCIENCE	TOTAL	FELLOWSHIPS AND TRAINEESHIPS	RESEARCH ASSISTANTSHIPS	TEACHING ASSISTANTSHIPS	OTHER TYPES OF SUPPORT
TOTAL, ALL AREAS OF SCIENCE..........	11,392	1,218	1,810	3,124	5,240
ENGINEERING..........................	2,005	188	367	409	1,041
PHYSICAL SCIENCES....................	1,404	75	283	686	360
MATHEMATICAL SCIENCES................	1,069	33	52	552	432
LIFE SCIENCES........................	2,390	507	482	501	900
PSYCHOLOGY...........................	875	39	90	146	600
SOCIAL SCIENCES......................	3,649	376	536	830	1,907
U.S. CITIZENS, TOTAL.............	9,805	1,025	1,574	2,810	4,396
ENGINEERING..........................	1,398	157	266	341	634
PHYSICAL SCIENCES....................	1,207	57	253	590	307
MATHEMATICAL SCIENCES................	956	29	44	521	362
LIFE SCIENCES........................	2,098	417	424	466	791
PSYCHOLOGY...........................	845	27	87	142	589
SOCIAL SCIENCES......................	3,301	338	500	750	1,713
FOREIGN STUDENTS, TOTAL..........	1,587	193	236	314	844
ENGINEERING..........................	607	31	101	68	407
PHYSICAL SCIENCES....................	197	18	20	96	53
MATHEMATICAL SCIENCES................	113	4	8	31	70
LIFE SCIENCES........................	292	90	58	35	109
PSYCHOLOGY...........................	30	12	3	4	11
SOCIAL SCIENCES......................	348	38	36	80	194
			PERCENT DISTRIBUTION		
TOTAL, ALL AREAS OF SCIENCE..........	100.0	100.0	100.0	100.0	100.0
ENGINEERING..........................	17.6	15.4	20.3	13.1	19.9
PHYSICAL SCIENCES....................	12.3	6.2	15.6	22.0	6.9
MATHEMATICAL SCIENCES................	9.4	2.7	2.9	17.7	8.2
LIFE SCIENCES........................	21.0	41.6	26.6	16.0	17.2
PSYCHOLOGY...........................	7.7	3.2	5.0	4.7	11.5
SOCIAL SCIENCES......................	32.0	30.9	29.6	26.6	36.4
U.S. CITIZENS, TOTAL.............	86.1	84.2	87.0	89.9	83.9
ENGINEERING..........................	12.3	12.9	14.7	10.9	12.1
PHYSICAL SCIENCES....................	10.6	4.7	14.0	18.9	5.9
MATHEMATICAL SCIENCES................	8.4	2.4	2.4	16.7	6.9
LIFE SCIENCES........................	18.4	34.2	23.4	14.9	15.1
PSYCHOLOGY...........................	7.4	2.2	4.8	4.5	11.2
SOCIAL SCIENCES......................	29.0	27.8	27.6	24.0	32.7
FOREIGN STUDENTS, TOTAL..........	13.9	15.8	13.0	10.1	16.1
ENGINEERING..........................	5.3	2.5	5.6	2.2	7.8
PHYSICAL SCIENCES....................	1.7	1.5	1.7	3.1	1.0
MATHEMATICAL SCIENCES................	1.0	.3	.4	1.0	1.3
LIFE SCIENCES........................	2.6	7.4	3.2	1.1	2.1
PSYCHOLOGY...........................	.3	1.0	.2	.1	.2
SOCIAL SCIENCES......................	3.1	3.1	2.0	2.6	3.7
			PERCENT OF TOTAL		
TOTAL, ALL AREAS OF SCIENCE..........	100.0	10.6	15.8	27.4	45.9
ENGINEERING..........................	100.0	9.3	18.3	20.3	51.9
PHYSICAL SCIENCES....................	100.0	5.3	20.1	48.8	25.6
MATHEMATICAL SCIENCES................	100.0	3.0	4.8	51.6	40.4
LIFE SCIENCES........................	100.0	21.2	20.1	20.9	37.6
PSYCHOLOGY...........................	100.0	4.4	10.2	16.6	68.5
SOCIAL SCIENCES......................	100.0	10.3	14.6	22.7	52.2
U.S. CITIZENS, TOTAL.............	100.0	10.4	16.0	28.6	44.8
ENGINEERING..........................	100.0	11.2	19.0	24.3	45.3
PHYSICAL SCIENCES....................	100.0	4.7	20.9	48.8	25.4
MATHEMATICAL SCIENCES................	100.0	3.0	4.6	54.4	37.8
LIFE SCIENCES........................	100.0	19.8	20.2	22.2	37.7
PSYCHOLOGY...........................	100.0	3.1	10.2	16.8	69.7
SOCIAL SCIENCES......................	100.0	10.2	15.1	22.7	51.8
FOREIGN STUDENTS, TOTAL..........	100.0	12.1	14.8	19.7	53.1
ENGINEERING..........................	100.0	5.1	16.6	11.2	67.0
PHYSICAL SCIENCES....................	100.0	9.1	15.2	48.7	26.9
MATHEMATICAL SCIENCES................	100.0	3.5	7.0	27.4	61.9
LIFE SCIENCES........................	100.0	30.8	19.8	11.9	37.3
PSYCHOLOGY...........................	100.0	40.0	10.0	13.3	36.6
SOCIAL SCIENCES......................	100.0	10.9	10.3	22.9	55.7

TABLE B-12. FULL-TIME GRADUATE STUDENTS IN MASTER'S DEPARTMENTS, BY AREA OF SCIENCE, LEVEL OF STUDY, AND TYPE OF MAJOR SUPPORT, 1972

AREA OF SCIENCE	TOTAL	FELLOWSHIPS AND TRAINEESHIPS	RESEARCH ASSISTANTSHIPS	TEACHING ASSISTANTSHIPS	OTHER TYPES OF SUPPORT
TOTAL, ALL AREAS OF SCIENCE	11,392	1,218	1,810	3,124	5,240
ENGINEERING	2,005	188	367	409	1,041
PHYSICAL SCIENCES	1,405	75	283	686	360
MATHEMATICAL SCIENCES	1,069	33	52	552	432
LIFE SCIENCES	2,390	507	482	501	900
PSYCHOLOGY	875	39	90	146	600
SOCIAL SCIENCES	3,649	376	536	830	1,907
FIRST YEAR, TOTAL	6,407	700	1,003	1,731	2,973
ENGINEERING	1,176	133	226	242	575
PHYSICAL SCIENCES	705	43	119	333	210
MATHEMATICAL SCIENCES	611	16	26	356	213
LIFE SCIENCES	1,224	273	228	247	476
PSYCHOLOGY	506	33	53	89	331
SOCIAL SCIENCES	2,185	202	351	464	1,168
BEYOND FIRST YEAR, TOTAL	4,985	518	807	1,393	2,267
ENGINEERING	829	55	141	167	466
PHYSICAL SCIENCES	699	32	164	353	150
MATHEMATICAL SCIENCES	458	17	26	196	219
LIFE SCIENCES	1,166	234	254	254	424
PSYCHOLOGY	369	6	37	57	269
SOCIAL SCIENCES	1,464	174	185	366	739
			PERCENT DISTRIBUTION		
TOTAL, ALL AREAS OF SCIENCE	100.0	100.0	100.0	100.0	100.0
ENGINEERING	17.6	15.4	20.3	13.1	19.9
PHYSICAL SCIENCES	12.3	6.2	15.6	22.0	6.9
MATHEMATICAL SCIENCES	9.4	2.7	2.9	17.7	8.2
LIFE SCIENCES	21.0	41.6	26.6	16.0	17.2
PSYCHOLOGY	7.7	3.2	5.0	4.7	11.5
SOCIAL SCIENCES	32.0	30.9	29.6	26.6	36.4
FIRST YEAR, TOTAL	56.2	57.5	55.4	55.4	56.7
ENGINEERING	10.3	10.9	12.5	7.7	11.0
PHYSICAL SCIENCES	6.2	3.5	6.6	10.7	4.0
MATHEMATICAL SCIENCES	5.4	1.3	1.4	11.4	4.1
LIFE SCIENCES	10.7	22.4	12.6	7.9	9.1
PSYCHOLOGY	4.4	2.7	2.9	2.8	6.3
SOCIAL SCIENCES	19.2	16.6	19.4	14.9	22.3
BEYOND FIRST YEAR, TOTAL	43.8	42.5	44.6	44.6	43.3
ENGINEERING	7.3	4.5	7.8	5.3	8.9
PHYSICAL SCIENCES	6.1	2.6	9.1	11.3	2.9
MATHEMATICAL SCIENCES	4.0	1.4	1.4	6.3	4.2
LIFE SCIENCES	10.2	19.2	14.0	8.1	8.1
PSYCHOLOGY	3.2	.5	2.0	1.8	5.1
SOCIAL SCIENCES	12.9	14.3	10.2	11.7	14.1
			PERCENT OF TOTAL		
TOTAL, ALL AREAS OF SCIENCE	100.0	10.6	15.9	27.4	45.9
ENGINEERING	100.0	9.3	18.3	20.3	51.9
PHYSICAL SCIENCES	100.0	5.3	20.1	48.8	25.6
MATHEMATICAL SCIENCES	100.0	3.0	4.8	51.6	40.4
LIFE SCIENCES	100.0	21.2	20.1	20.9	37.6
PSYCHOLOGY	100.0	4.4	10.2	16.6	68.5
SOCIAL SCIENCES	100.0	10.3	14.6	22.7	52.2
FIRST YEAR, TOTAL	100.0	10.9	15.6	27.0	46.4
ENGINEERING	100.0	11.3	19.2	20.5	48.8
PHYSICAL SCIENCES	100.0	6.0	16.8	47.2	29.7
MATHEMATICAL SCIENCES	100.0	2.6	4.2	58.2	34.8
LIFE SCIENCES	100.0	22.3	18.6	20.1	38.8
PSYCHOLOGY	100.0	6.5	10.4	17.5	65.4
SOCIAL SCIENCES	100.0	9.2	16.0	21.2	53.4
BEYOND FIRST YEAR, TOTAL	100.0	10.3	16.1	27.9	45.4
ENGINEERING	100.0	6.6	17.0	20.1	56.2
PHYSICAL SCIENCES	100.0	4.5	23.4	50.5	21.4
MATHEMATICAL SCIENCES	100.0	3.7	5.6	42.7	47.8
LIFE SCIENCES	100.0	20.0	21.7	21.7	36.3
PSYCHOLOGY	100.0	1.6	10.0	15.4	72.8
SOCIAL SCIENCES	100.0	11.8	12.6	25.0	50.4

TABLE B-13. FULL-TIME GRADUATE STUDENTS IN MASTER'S DEPARTMENTS, BY FIELD OF SCIENCE AND SOURCE OF SUPPORT, 1971 AND 1972*

AREA AND FIELD OF SCIENCE	FALL 1971 TOTAL	FALL 1971 SUPPORTED BY U.S. GOVERNMENT SOURCES	FALL 1971 SUPPORTED BY NON-U.S. GOVERNMENT SOURCES	FALL 1972 TOTAL	FALL 1972 SUPPORTED BY U.S. GOVERNMENT SOURCES	FALL 1972 SUPPORTED BY NON-U.S. GOVERNMENT SOURCES
TOTAL, ALL FIELDS OF SCIENCE	11,311	2,038	9,273	11,392	1,926	9,466
ENGINEERING	2,033	474	1,559	2,005	508	1,497
AERONAUTICAL	36	11	25	42	15	27
AGRICULTURAL	139	26	113	131	23	108
CHEMICAL	145	20	125	114	15	99
CIVIL	346	108	238	355	100	255
ELECTRICAL	261	24	237	208	19	189
ENGINEERING SCIENCE	70	15	55	102	23	79
INDUSTRIAL	337	121	216	426	175	251
MECHANICAL	243	39	204	217	29	188
METALLURGICAL AND MATERIALS	55	31	24	54	40	14
MINING	51	13	38	38	12	26
NUCLEAR	17	3	14	20	4	16
PETROLEUM	22	7	15	14	2	12
OTHER ENGINEERING	311	56	255	284	51	233
PHYSICAL SCIENCES	1,341	176	1,165	1,404	191	1,213
ASTRONOMY	20	4	16	19	1	18
ATMOSPHERIC SCIENCES	16	12	4	34	25	9
CHEMISTRY	291	35	256	287	35	252
GEOSCIENCES	570	72	498	611	74	537
OCEANOGRAPHY	149	23	126	151	33	118
PHYSICS	295	30	265	302	23	279
MATHEMATICAL SCIENCES	1,000	94	906	1,069	111	958
APPLIED MATHEMATICS	223	38	185	280	68	212
MATHEMATICS	743	48	695	754	36	718
STATISTICS	34	8	26	35	7	28
LIFE SCIENCES	2,244	597	1,647	2,390	593	1,797
AGRICULTURE	771	182	589	824	170	654
BIOCHEMISTRY	9	1	8	17	5	12
BIOLOGY	772	61	711	784	70	714
BOTANY	39	14	25	24	8	16
MICROBIOLOGY	76	34	42	72	15	57
PHYSIOLOGY	14	5	9	24	7	17
ZOOLOGY				12	2	10
OTHER LIFE SCIENCES	563	300	263	633	316	317
PSYCHOLOGY	911	118	793	875	69	806
SOCIAL SCIENCES	3,782	579	3,203	3,649	454	3,195
AGRICULTURAL ECONOMICS	123	74	49	113	60	53
ANTHROPOLOGY	307	16	291	302	15	287
ECONOMICS (EXCEPT AGRICULTURAL)	422	72	350	384	21	363
GEOGRAPHY	442	41	401	422	26	396
HISTORY AND PHILOSOPHY OF SCIENCE	13		13	12		12
LINGUISTICS	155	58	97	143	40	103
POLITICAL SCIENCE	914	121	793	960	84	876
SOCIOLOGY	1,193	193	1,000	1,065	198	867
SOCIOLOGY AND ANTHROPOLOGY	213	4	209	248	10	238

* AS REPORTED IN 1972.

TABLE B-13. FULL-TIME GRADUATE STUDENTS IN MASTER'S DEPARTMENTS, BY FIELD OF SCIENCE AND SOURCE OF SUPPORT, 1971 AND 1972*

(CONTINUED)

AREA AND FIELD OF SCIENCE	FALL 1971 TOTAL	FALL 1971 SUPPORTED BY U.S. GOVERNMENT SOURCES	FALL 1971 SUPPORTED BY NON-U.S. GOVERNMENT SOURCES	FALL 1972 TOTAL	FALL 1972 SUPPORTED BY U.S. GOVERNMENT SOURCES	FALL 1972 SUPPORTED BY NON-U.S. GOVERNMENT SOURCES
	PERCENT OF TOTAL					
TOTAL, ALL FIELDS OF SCIENCE	100.0	18.0	81.9	100.0	16.9	83.0
ENGINEERING	100.0	23.3	76.6	100.0	25.3	74.6
AERONAUTICAL	100.0	30.5	69.4	100.0	35.7	64.2
AGRICULTURAL	100.0	18.7	81.2	100.0	17.5	82.4
CHEMICAL	100.0	13.7	86.2	100.0	13.1	86.8
CIVIL	100.0	31.2	68.7	100.0	28.1	71.6
ELECTRICAL	100.0	9.1	90.8	100.0	9.1	90.8
ENGINEERING SCIENCE	100.0	21.4	78.5	100.0	22.5	77.4
INDUSTRIAL	100.0	35.9	64.0	100.0	41.0	58.9
MECHANICAL	100.0	16.0	83.9	100.0	13.3	86.6
METALLURGICAL AND MATERIALS	100.0	56.3	43.6	100.0	74.0	25.9
MINING	100.0	25.4	74.5	100.0	31.5	68.4
NUCLEAR	100.0	17.6	82.3	100.0	20.0	80.0
PETROLEUM	100.0	31.8	68.1	100.0	14.2	85.7
OTHER ENGINEERING	100.0	18.0	81.9	100.0	17.9	82.0
PHYSICAL SCIENCES	100.0	13.1	86.8	100.0	13.6	86.3
ASTRONOMY	100.0	20.0	80.0	100.0	5.2	94.7
ATMOSPHERIC SCIENCES	100.0	75.0	25.0	100.0	73.5	26.4
CHEMISTRY	100.0	12.0	87.9	100.0	12.1	87.8
GEOSCIENCES	100.0	12.6	87.3	100.[illegible]	12.1	87.8
OCEANOGRAPHY	100.0	15.4	84.5	100.0	21.8	78.1
PHYSICS	100.0	10.1	89.8	100.0	7.6	92.3
MATHEMATICAL SCIENCES	100.0	9.4	90.6	100.0	10.3	89.6
APPLIED MATHEMATICS	100.0	17.0	82.9	100.0	24.2	75.7
MATHEMATICS	100.0	6.4	93.5	100.0	4.7	95.2
STATISTICS	100.0	23.5	76.4	100.0	20.0	80.0
LIFE SCIENCES	100.0	26.6	73.3	100.0	24.8	75.1
AGRICULTURE	100.0	23.6	76.3	100.0	20.6	79.3
BIOCHEMISTRY	100.0	11.1	88.8	100.0	29.4	70.5
BIOLOGY	100.0	7.9	92.0	100.0	8.9	91.0
BOTANY	100.0	35.8	64.1	100.0	33.3	66.6
MICROBIOLOGY	100.0	44.7	55.2	100.0	20.8	79.1
PHYSIOLOGY	100.0	35.7	64.2	100.0	29.1	70.8
ZOOLOGY	.0	.0	.0	100.0	16.6	83.3
OTHER LIFE SCIENCES	100.0	53.2	46.7	100.0	49.9	50.0
PSYCHOLOGY	100.0	12.9	87.0	100.0	7.8	92.1
SOCIAL SCIENCES	100.0	15.3	84.6	100.0	12.4	87.5
AGRICULTURAL ECONOMICS	100.0	60.1	39.8	100.0	53.0	46.9
ANTHROPOLOGY	100.0	5.2	94.7	100.0	4.9	95.0
ECONOMICS (EXCEPT AGRICULTURAL)	100.0	17.0	82.9	100.0	5.4	94.5
GEOGRAPHY	100.0	9.2	90.7	100.0	6.1	93.8
HISTORY AND PHILOSOPHY OF SCIENCE	100.0	.0	100.0	100.0	.0	100.0
LINGUISTICS	100.0	37.4	62.5	100.0	27.9	72.0
POLITICAL SCIENCE	100.0	13.2	86.7	100.0	8.7	91.2
SOCIOLOGY	100.0	16.1	83.8	100.0	18.5	81.4
SOCIOLOGY AND ANTHROPOLOGY	100.0	1.8	98.1	100.0	4.0	95.9

* AS REPORTED IN 1972.

TABLE B-13. FULL-TIME GRADUATE STUDENTS IN MASTER'S DEPARTMENTS, BY FIELD OF SCIENCE AND SOURCE OF SUPPORT, 1971 AND 1972*

(CONTINUED)

AREA AND FIELD OF SCIENCE	FALL 1971 TOTAL	FALL 1971 SUPPORTED BY U.S. GOVERNMENT SOURCES	FALL 1971 SUPPORTED BY NON-U.S. GOVERNMENT SOURCES	FALL 1972 TOTAL	FALL 1972 SUPPORTED BY U.S. GOVERNMENT SOURCES	FALL 1972 SUPPORTED BY NON-U.S. GOVERNMENT SOURCES
	PERCENT DISTRIBUTION					
TOTAL, ALL FIELDS OF SCIENCE	100.0	100.0	100.0	100.0	100.0	100.0
ENGINEERING	18.0	23.3	16.8	17.6	26.4	15.8
AERONAUTICAL	.3	.5	.3	.4	.8	.3
AGRICULTURAL	1.2	1.3	1.2	1.1	1.2	1.1
CHEMICAL	1.3	1.0	1.3	1.0	.8	1.0
CIVIL	3.1	5.3	2.6	3.1	5.2	2.7
ELECTRICAL	2.3	1.2	2.6	1.8	1.0	2.0
ENGINEERING SCIENCE	.6	.7	.6	.9	1.2	.8
INDUSTRIAL	3.0	5.9	2.3	3.7	5.1	2.7
MECHANICAL	2.1	1.9	2.2	1.9	1.5	2.0
METALLURGICAL AND MATERIALS	.5	1.5	.3	.5	2.1	.1
MINING	.5	.6	.4	.3	.6	.3
NUCLEAR	.2	.1	.2	.2	.2	.2
PETROLEUM	.2	.3	.2	.1	.1	.1
OTHER ENGINEERING	2.7	2.7	2.7	2.5	2.6	2.5
PHYSICAL SCIENCES	11.9	8.6	12.6	12.3	9.9	12.8
ASTRONOMY	.2	.2	.2	.2	.1	.2
ATMOSPHERIC SCIENCES	.1	.6	.0	.3	1.3	.1
CHEMISTRY	2.6	1.7	2.8	2.5	1.8	2.7
GEOSCIENCES	5.0	3.5	5.4	5.4	3.8	5.7
OCEANOGRAPHY	1.3	1.1	1.4	1.3	1.7	1.2
PHYSICS	2.6	1.5	2.9	2.7	1.2	2.9
MATHEMATICAL SCIENCES	8.8	4.6	9.8	9.4	5.8	10.1
APPLIED MATHEMATICS	2.0	1.9	2.0	2.5	3.5	2.2
MATHEMATICS	6.6	2.4	7.5	6.6	1.9	7.6
STATISTICS	.3	.4	.3	.3	.4	.3
LIFE SCIENCES	19.8	29.3	17.8	21.0	30.8	19.0
AGRICULTURE	6.8	8.9	6.4	7.2	8.8	6.9
BIOCHEMISTRY	.1	.0	.1	.1	.3	.1
BIOLOGY	6.8	3.0	7.7	6.9	3.6	7.5
BOTANY	.3	.7	.3	.2	.4	.2
MICROBIOLOGY	.7	1.7	.5	.6	.8	.6
PHYSIOLOGY	.1	.2	.1	.2	.4	.2
ZOOLOGY	.0	.0	.0	.1	.1	.1
OTHER LIFE SCIENCES	5.0	14.7	2.8	5.6	16.4	3.3
PSYCHOLOGY	8.1	5.8	8.6	7.7	3.6	8.5
SOCIAL SCIENCES	33.4	28.4	34.5	32.0	23.6	33.8
AGRICULTURAL ECONOMICS	1.1	3.6	.5	1.0	3.1	.6
ANTHROPOLOGY	2.7	.8	3.1	2.7	.8	3.0
ECONOMICS (EXCEPT AGRICULTURAL)	3.7	3.5	3.8	3.4	1.1	3.8
GEOGRAPHY	3.9	2.0	4.3	3.7	1.3	4.2
HISTORY AND PHILOSOPHY OF SCIENCE	.1	.0	.1	.1	.0	.1
LINGUISTICS	1.4	2.8	1.0	1.3	2.1	1.1
POLITICAL SCIENCE	8.[illegible]	5.9	8.6	8.4	4.4	9.3
SOCIOLOGY	10.5	9.5	10.8	9.3	10.3	9.2
SOCIOLOGY AND ANTHROPOLOGY	1.9	.2	2.3	2.2	.5	2.5

* AS REPORTED IN 1972.

TABLE B-14. FULL-TIME GRADUATE STUDENTS IN MASTER'S DEPARTMENTS, BY SOURCE OF MAJOR SUPPORT, AREA OF SCIENCE, AND SEX OF STUDENT, 1972

SOURCE OF MAJOR SUPPORT	TOTAL	ENGI-NEERING	PHYSICAL SCIENCES	MATHE-MATICAL SCIENCES	LIFE SCIENCES	PSYCHOLOGY	SOCIAL SCIENCES
TOTAL, ALL SOURCES OF SUPPORT	11,392	2,005	1,404	1,069	2,390	875	3,649
ALL U.S. SOURCES, TOTAL	11,178	1,966	1,384	1,065	2,294	871	3,598
U.S. GOVERNMENT, TOTAL	1,926	508	191	111	593	69	454
ATOMIC ENERGY COMMISSION	20	10	5		5		
DEPARTMENT OF DEFENSE	251	155	15	58	2		21
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	529	30	20	10	334	19	116
NATIONAL DEFENSE EDUCATION ACT	21	12	2				7
NATIONAL INSTITUTES OF HEALTH	366	9	17	5	289	13	33
OTHER HEW	142	9	1	5	45	6	76
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	14	3	4		4	1	2
NATIONAL SCIENCE FOUNDATION	230	62	35	19	49	5	60
VETERANS ADMINISTRATION (G.I.BILL)	187	26	31	15	22	34	59
ALL OTHER U.S. GOVERNMENT AGENCIES	695	222	81	9	177	10	196
OTHER U.S. SOURCES	9,252	1,458	1,193	954	1,701	802	3,144
INSTITUTIONAL SUPPORT	4,693	605	848	626	898	249	1,467
SELF-SUPPORT	4,051	762	221	287	684	537	1,560
ALL OTHER U.S. SOURCES	508	91	124	41	119	16	117
FOREIGN SOURCES, TOTAL	214	39	20	4	96	4	51
				MEN			
TOTAL, ALL SOURCES OF SUPPORT	8,786	1,904	1,205	823	1,700	506	2,648
ALL U.S. SOURCES, TOTAL	8,595	1,866	1,186	820	1,612	504	2,607
U.S. GOVERNMENT, TOTAL	1,562	495	173	103	394	54	343
ATOMIC ENERGY COMMISSION	18	9	5		4		
DEPARTMENT OF DEFENSE	246	154	13	58	2		19
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	282	28	17	6	166	10	55
NATIONAL DEFENSE EDUCATION ACT	17	12	2				3
NATIONAL INSTITUTES OF HEALTH	180	7	15	4	131	6	17
OTHER HEW	85	9		2	35	4	35
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	12	3	4		2	1	2
NATIONAL SCIENCE FOUNDATION	198	61	29	16	42	2	48
VETERANS ADMINISTRATION (G.I.BILL)	183	26	28	15	21	34	59
ALL OTHER U.S. GOVERNMENT AGENCIES	623	214	77	8	157	7	160
OTHER U.S. SOURCES	7,033	1,371	1,013	717	1,218	450	2,264
INSTITUTIONAL SUPPORT	3,626	574	716	441	655	158	1,042
SELF-SUPPORT	2,998	712	190	239	441	288	1,128
ALL OTHER U.S. SOURCES	409	85	107	37	82	4	94
FOREIGN SOURCES, TOTAL	191	38	19	3	88	2	41
				WOMEN			
TOTAL, ALL SOURCES OF SUPPORT	2,606	101	199	246	690	369	1,001
ALL U.S. SOURCES, TOTAL	2,583	100	198	245	682	367	991
U.S. GOVERNMENT, TOTAL	364	13	18	8	199	15	111
ATOMIC ENERGY COMMISSION	2	1			1		
DEPARTMENT OF DEFENSE	5	1	2				2
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	247	2	3	4	168	9	61
NATIONAL DEFENSE EDUCATION ACT	4						4
NATIONAL INSTITUTES OF HEALTH	186	2	2	1	158	7	16
OTHER HEW	57		1	3	10	2	41
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	2				2		
NATIONAL SCIENCE FOUNDATION	32	1	6	3	7	3	12
VETERANS ADMINISTRATION (G.I.BILL)	4		3		1		
ALL OTHER U.S. GOVERNMENT AGENCIES	72	8	4	1	20	3	36
OTHER U.S. SOURCES	2,219	87	180	237	483	352	880
INSTITUTIONAL SUPPORT	1,067	31	132	185	203	91	425
SELF-SUPPORT	1,053	50	31	48	243	249	432
ALL OTHER U.S. SOURCES	99	6	17	4	37	12	23
FOREIGN SOURCES, TOTAL	23	1	1	1	8	2	10

TABLE B-15. FULL-TIME GRADUATE STUDENTS IN MASTER'S DEPARTMENTS, BY SOURCE OF MAJOR SUPPORT AND AREA OF SCIENCE, 1972

SOURCE OF MAJOR SUPPORT	TOTAL	ENGI- NEERING	PHYSICAL SCIENCES	MATHE- MATICAL SCIENCES	LIFE SCIENCES	PSYCHOLOGY	SOCIAL SCIENCES
TOTAL, ALL SOURCES OF SUPPORT	11,392	2,005	1,404	1,069	2,390	875	3,649
ALL U.S. SOURCES, TOTAL	11,178	1,966	1,384	1,065	2,294	871	3,598
U.S. GOVERNMENT	1,926	508	191	111	553	65	454
ATOMIC ENERGY COMMISSION	20	10	5		5		
DEPARTMENT OF DEFENSE	251	155	15	58	2		21
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	529	30	20	10	334	19	116
NATIONAL DEFENSE EDUCATION ACT	21	12	2				7
NATIONAL INSTITUTES OF HEALTH	366	9	17	5	289	13	33
OTHER HEW	142	9	1	5	45	6	76
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	14	3	4		4	1	2
NATIONAL SCIENCE FOUNDATION	230	62	35	19	49	5	[illegible]
VETERANS ADMINISTRATION (G.I.BILL)	117	26	31	15	22	34	59
ALL OTHER U.S. GOVERNMENT AGENCIES	695	222	81	9	177	10	196
OTHER U.S. SOURCES	9,252	1,458	1,193	954	1,701	802	3,144
INSTITUTIONAL SUPPORT	4,693	605	848	626	898	[illegible]	1,467
SELF-SUPPORT	4,051	762	221	287	684	[illegible]	1,560
ALL OTHER U.S. SOURCES	508	91	124	41	119	16	117
FOREIGN SOURCES, TOTAL	214	39	20	4	96	4	51
				PERCENT DISTRIBUTION			
TOTAL, ALL SOURCES OF SUPPORT	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ALL U.S. SOURCES, TOTAL	98.1	98.1	98.6	99.6	96.0	99.5	98.6
U.S. GOVERNMENT	16.9	25.3	13.6	10.4	24.8	7.9	12.4
ATOMIC ENERGY COMMISSION	.2	.5	.4	.0	.2	.0	.0
DEPARTMENT OF DEFENSE	2.2	7.7	1.1	5.4	.1	.0	.6
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	4.6	1.5	1.4	.9	14.0	2.2	3.2
NATIONAL DEFENSE EDUCATION ACT	.2	.6	.1	.0	.0	.0	.2
NATIONAL INSTITUTES OF HEALTH	3.2	.4	1.2	.5	12.1	1.5	.9
OTHER HEW	1.2	.4	.1	.5	1.9	.7	2.1
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	.1	.1	.3	.0	.2	.1	.1
NATIONAL SCIENCE FOUNDATION	2.0	3.1	2.5	1.8	2.1	.6	1.6
VETERANS ADMINISTRATION (G.I.BILL)	1.6	1.3	2.2	1.4	.9	3.9	1.6
ALL OTHER U.S. GOVERNMENT AGENCIES	6.1	11.1	5.8	.8	7.4	1.1	5.4
OTHER U.S. SOURCES	81.2	72.7	85.0	89.2	71.2	91.7	86.2
INSTITUTIONAL SUPPORT	41.2	30.2	60.4	58.6	37.6	28.5	40.2
SELF-SUPPORT	35.6	38.0	15.7	26.8	28.6	61.4	42.8
ALL OTHER U.S. SOURCES	4.5	4.5	8.8	3.8	5.0	1.8	3.2
FOREIGN SOURCES, TOTAL	1.9	1.9	1.4	.4	4.0	.5	1.4
				PERCENT OF TOTAL			
TOTAL, ALL SOURCES OF SUPPORT	100.0	17.6	12.3	9.3	20.9	7.6	32.0
ALL U.S. SOURCES, TOTAL	100.0	17.5	12.3	9.5	20.5	7.7	32.1
U.S. GOVERNMENT	100.0	26.3	9.9	5.7	30.7	3.5	23.5
ATOMIC ENERGY COMMISSION	100.0	50.0	25.0	.0	25.0	.0	.0
DEPARTMENT OF DEFENSE	100.0	61.7	5.9	23.1	.7	.0	8.3
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	100.0	5.6	3.7	1.8	63.1	3.5	21.9
NATIONAL DEFENSE EDUCATION ACT	100.0	57.1	9.5	.0	.0	.0	33.3
NATIONAL INSTITUTES OF HEALTH	100.0	2.4	4.6	1.3	78.9	3.5	9.0
OTHER HEW	100.0	6.3	.7	3.5	31.6	4.2	53.5
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	100.0	21.4	28.5	.0	28.5	7.1	14.2
NATIONAL SCIENCE FOUNDATION	100.0	26.9	15.2	8.2	21.3	2.1	26.0
VETERANS ADMINISTRATION (G.I.BILL)	100.0	13.9	16.5	8.0	11.7	18.1	31.5
ALL OTHER U.S. GOVERNMENT AGENCIES	100.0	31.9	11.6	1.2	25.4	1.4	28.2
OTHER U.S. SOURCES	100.0	15.7	12.8	10.3	18.3	8.6	33.9
INSTITUTIONAL SUPPORT	100.0	12.8	18.0	13.3	19.1	5.3	31.2
SELF-SUPPORT	100.0	18.8	5.4	7.0	16.8	13.2	38.5
ALL OTHER U.S. SOURCES	100.0	17.9	24.4	8.0	23.4	3.1	23.0
FOREIGN SOURCES, TOTAL	100.0	18.2	9.3	1.8	44.8	1.8	23.8

TABLE B-15. FULL-TIME GRADUATE STUDENTS IN MASTER'S DEPARTMENTS, BY SOURCE OF MAJOR SUPPORT AND AREA OF SCIENCE, 1972

SOURCE OF MAJOR SUPPORT	TOTAL	ENGI-NEERING	PHYSICAL SCIENCES	MATHE-MATICAL SCIENCES	LIFE SCIENCES	PSYCHOLOGY	SOCIAL SCIENCES
TOTAL, ALL SOURCES OF SUPPORT	11,342	2,005	1,404	1,064	2,350	875	3,645
ALL U.S. SOURCES, TOTAL	11,178	1,966	1,384	1,065	2,299	871	3,598
U.S. GOVERNMENT	1,926	508	191	111	553	65	454
ATOMIC ENERGY COMMISSION	20	10	5		5		
DEPARTMENT OF DEFENSE	251	155	15	58	2		21
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	529	30	20	10	334	19	116
NATIONAL DEFENSE EDUCATION ACT	21	12	2				7
NATIONAL INSTITUTES OF HEALTH	366	9	17	5	289	13	33
OTHER HEW	142	9	1	5	45	6	76
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	14	3	4		4	1	2
NATIONAL SCIENCE FOUNDATION	230	62	35	19	49	5	60
VETERANS ADMINISTRATION (G.I.BILL)	187	26	31	15	22	34	59
ALL OTHER U.S. GOVERNMENT AGENCIES	695	222	81	9	177	10	196
OTHER U.S. SOURCES	9,252	1,458	1,193	954	1,701	802	3,144
INSTITUTIONAL SUPPORT	4,693	605	846	626	858	249	1,467
SELF-SUPPORT	4,051	762	221	287	684	537	1,560
ALL OTHER U.S. SOURCES	508	91	124	41	119	16	117
FOREIGN SOURCES, TOTAL	214	39	20	4	[illegible]	4	51
				PERCENT DISTRIBUTION			
TOTAL, ALL SOURCES OF SUPPORT	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ALL U.S. SOURCES, TOTAL	98.1	98.1	98.6	99.6	96.0	99.5	98.6
U.S. GOVERNMENT	16.9	25.3	13.6	10.4	24.8	7.5	12.4
ATOMIC ENERGY COMMISSION	.2	.5	.4	.0	.2	.0	.0
DEPARTMENT OF DEFENSE	2.2	7.7	1.1	5.4	.1	.0	.6
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	4.6	1.5	1.4	.9	14.0	2.2	3.2
NATIONAL DEFENSE EDUCATION ACT	.2	.6	.1	.0	.0	.0	.2
NATIONAL INSTITUTES OF HEALTH	3.2	.4	1.2	.5	12.1	1.5	.9
OTHER HEW	1.2	.4	.1	.5	1.9	.7	2.1
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	.1	.1	.3	.0	.2	.1	.1
NATIONAL SCIENCE FOUNDATION	2.0	3.1	2.5	1.8	2.1	.6	1.6
VETERANS ADMINISTRATION (G.I.BILL)	1.6	1.3	2.2	1.4	.9	3.9	1.6
ALL OTHER U.S. GOVERNMENT AGENCIES	6.1	11.1	5.8	.8	7.4	1.1	5.4
OTHER U.S. SOURCES	81.2	72.7	85.0	89.2	71.2	91.7	86.2
INSTITUTIONAL SUPPORT	41.2	30.2	60.4	58.6	37.6	28.5	40.2
SELF-SUPPORT	35.6	38.0	15.7	26.8	28.6	61.4	42.8
ALL OTHER U.S. SOURCES	4.5	4.5	8.8	3.8	5.0	1.8	3.2
FOREIGN SOURCES, TOTAL	1.9	1.9	1.4	.4	4.0	.5	1.4
				PERCENT OF TOTAL			
TOTAL, ALL SOURCES OF SUPPORT	100.0	17.6	12.3	9.3	20.9	7.6	32.0
ALL U.S. SOURCES, TOTAL	100.0	17.5	12.3	9.5	20.5	7.7	32.1
U.S. GOVERNMENT	100.0	26.3	9.9	5.7	30.7	3.5	23.5
ATOMIC ENERGY COMMISSION	100.0	50.0	25.0	.0	25.0	.0	.0
DEPARTMENT OF DEFENSE	100.0	61.7	5.9	23.1	.7	.0	8.3
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	100.0	[illegible]	3.7	1.8	63.1	3.5	21.9
NATIONAL DEFENSE EDUCATION ACT	100.0	57.1	9.5	.0	.0	.0	33.3
NATIONAL INSTITUTES OF HEALTH	100.0	2.4	4.6	1.3	78.9	3.5	9.0
OTHER HEW	100.0	6.3	.7	3.5	31.6	4.2	53.5
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	100.0	21.4	28.5	.0	28.5	7.1	14.2
NATIONAL SCIENCE FOUNDATION	100.0	26.9	15.2	8.2	21.3	2.1	26.0
VETERANS ADMINISTRATION (G.I.BILL)	100.0	13.9	16.5	8.0	11.7	18.1	31.5
ALL OTHER U.S. GOVERNMENT AGENCIES	100.0	31.9	11.6	1.2	25.4	1.4	28.2
OTHER U.S. SOURCES	100.0	15.7	12.8	10.3	18.3	8.6	33.9
INSTITUTIONAL SUPPORT	100.0	12.8	18.0	13.3	19.1	5.3	31.2
SELF-SUPPORT	100.0	18.8	5.4	7.0	16.8	13.2	38.5
ALL OTHER U.S. SOURCES	100.0	17.9	24.4	8.0	23.4	3.1	23.0
FOREIGN SOURCES, TOTAL	100.0	18.2	9.3	1.8	44.6	1.8	23.8

TABLE A-16. FULL-TIME GRADUATE STUDENTS IN MASTER'S DEPARTMENTS, BY SOURCE AND TYPE OF MAJOR SUPPORT, 1972

SOURCE OF MAJOR SUPPORT	TOTAL	FELLOWSHIPS AND TRAINEESHIPS	RESEARCH ASSISTANTSHIPS	TEACHING ASSISTANTSHIPS	OTHER TYPES OF SUPPORT
TOTAL, ALL SOURCES OF SUPPORT	11,392	1,218	1,810	3,124	5,240
ALL U.S. SOURCES, TOTAL	11,178	1,120	1,805	3,124	5,129
U.S. GOVERNMENT	1,926	720	673	60	473
ATOMIC ENERGY COMMISSION	20	3	13		4
DEPARTMENT OF DEFENSE	251	6	54		191
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	529	424	85	14	6
NATIONAL DEFENSE EDUCATION ACT	21	21			
NATIONAL INSTITUTES OF HEALTH	366	309	45	5	3
OTHER HEW	142	94	36	9	3
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	14	1	12		1
NATIONAL SCIENCE FOUNDATION	230	66	138	25	1
VETERANS ADMINISTRATION (G.I.BILL)	187				187
ALL OTHER U.S. GOVERNMENT AGENCIES	695	220	371	21	83
OTHER U.S. SOURCES	9,252	400	1,132	3,064	4,656
INSTITUTIONAL SUPPORT	4,693	290	999	3,042	362
SELF-SUPPORT	4,051				4,051
ALL OTHER U.S. SOURCES	508	110	133	22	243
FOREIGN SOURCES, TOTAL	214	98	5		111
			PERCENT DISTRIBUTION		
TOTAL, ALL SOURCES OF SUPPORT	100.0	100.0	100.0	100.0	100.0
ALL U.S. SOURCES, TOTAL	98.1	92.0	99.7	100.0	97.9
U.S. GOVERNMENT	16.9	59.1	37.2	1.9	9.0
ATOMIC ENERGY COMMISSION	.2	.2	.7	.0	.1
DEPARTMENT OF DEFENSE	2.2	.5	3.0	.0	3.6
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	4.6	34.8	4.7	.4	.1
NATIONAL DEFENSE EDUCATION ACT	.2	1.7	.0	.0	.1
NATIONAL INSTITUTES OF HEALTH	3.2	25.4	2.7	.2	.0
OTHER HEW	1.2	7.7	2.0	.3	.1
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	.1	.1	.7	.0	.1
NATIONAL SCIENCE FOUNDATION	2.0	5.4	7.6	.8	.0
VETERANS ADMINISTRATION (G.I.BILL)	1.6	.0	.0	.0	3.6
ALL OTHER U.S. GOVERNMENT AGENCIES	6.1	18.1	20.5	.7	1.6
OTHER U.S. SOURCES	81.2	32.8	62.5	98.1	88.9
INSTITUTIONAL SUPPORT	41.2	23.8	55.2	97.4	6.9
SELF-SUPPORT	35.6	.0	.0	.0	77.3
ALL OTHER U.S. SOURCES	4.5	9.0	7.3	.7	4.6
FOREIGN SOURCES, TOTAL	1.9	8.0	.3	.0	2.1
			PERCENT OF TOTAL		
TOTAL, ALL SOURCES OF SUPPORT	100.0	10.6	15.8	27.4	45.9
ALL U.S. SOURCES, TOTAL	100.0	10.0	16.1	27.9	45.8
U.S. GOVERNMENT	100.0	37.3	34.9	3.1	24.5
ATOMIC ENERGY COMMISSION	100.0	15.0	65.0	.0	20.0
DEPARTMENT OF DEFENSE	100.0	2.3	21.5	.0	76.0
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	100.0	80.1	16.0	2.6	1.1
NATIONAL DEFENSE EDUCATION ACT	100.0	100.0	.0	.0	.0
NATIONAL INSTITUTES OF HEALTH	100.0	84.4	13.3	1.3	.8
OTHER HEW	100.0	66.1	25.3	6.3	2.1
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	100.0	7.1	85.7	.0	7.1
NATIONAL SCIENCE FOUNDATION	100.0	28.6	60.0	10.8	.4
VETERANS ADMINISTRATION (G.I.BILL)	100.0	.0	.0	.0	100.0
ALL OTHER U.S. GOVERNMENT AGENCIES	100.0	31.6	53.3	3.0	11.9
OTHER U.S. SOURCES	100.0	4.3	12.2	33.1	50.3
INSTITUTIONAL SUPPORT	100.0	6.1	21.2	64.8	7.7
SELF-SUPPORT	100.0	.0	.0	.0	100.0
ALL OTHER U.S. SOURCES	100.0	21.6	26.1	4.3	47.8
FOREIGN SOURCES, TOTAL	100.0	45.7	2.3	.0	51.8

TABLE B-17. FULL-TIME GRADUATE STUDENTS IN MASTER'S DEPARTMENTS OF PUBLICLY-CONTROLLED INSTITUTIONS, BY SOURCE AND TYPE OF MAJOR SUPPORT, 1972

SOURCE OF MAJOR SUPPORT	TOTAL	FELLOWSHIPS AND TRAINEESHIPS	RESEARCH ASSISTANTSHIPS	TEACHING ASSISTANTSHIPS	OTHER TYPES OF SUPPORT
TOTAL, ALL SOURCES OF SUPPORT	9,402	899	1,624	2,609	4,270
ALL U.S. SOURCES, TOTAL	9,245	814	1,619	2,609	4,203
U.S. GOVERNMENT	1,618	525	612	46	435
ATOMIC ENERGY COMMISSION	19	3	13		3
DEPARTMENT OF DEFENSE	223	3	32		188
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	406	319	73	8	6
NATIONAL DEFENSE EDUCATION ACT	19	19			
NATIONAL INSTITUTES OF HEALTH	256	212	39	2	3
OTHER HEW	131	88	34	6	3
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	9	1	7		1
NATIONAL SCIENCE FOUNDATION	206	56	129	20	1
VETERANS ADMINISTRATION (G.I.BILL)	159				159
ALL OTHER U.S. GOVERNMENT AGENCIES	596	143	358	18	77
OTHER U.S. SOURCES	7,627	289	1,007	2,563	3,768
INSTITUTIONAL SUPPORT	3,944	217	892	2,549	286
SELF-SUPPORT	3,284				3,284
ALL OTHER U.S. SOURCES	399	72	115	14	198
FOREIGN SOURCES, TOTAL	157	85	5		67
			PERCENT DISTRIBUTION		
TOTAL, ALL SOURCES OF SUPPORT	100.0	100.0	100.0	100.0	100.0
ALL U.S. SOURCES, TOTAL	98.3	90.5	99.7	100.0	98.4
U.S. GOVERNMENT	17.2	58.4	37.7	1.8	10.[illegible]
ATOMIC ENERGY COMMISSION	.2	.3	.8	.0	[illegible]
DEPARTMENT OF DEFENSE	2.4	.3	2.0	.0	4.4
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	4.3	35.5	4.5	.3	.1
NATIONAL DEFENSE EDUCATION ACT	.2	2.1	.0	.0	.0
NATIONAL INSTITUTES OF HEALTH	2.7	23.6	2.4	.1	.1
OTHER HEW	1.4	9.8	2.1	.2	.1
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	.1	.1	.4	.0	.0
NATIONAL SCIENCE FOUNDATION	2.2	6.2	7.9	.8	.0
VETERANS ADMINISTRATION (G.I.BILL)	1.7	.0	.0	.0	3.7
ALL OTHER U.S. GOVERNMENT AGENCIES	6.3	15.9	22.0	.7	1.8
OTHER U.S. SOURCES	81.1	32.1	62.0	98.2	88.2
INSTITUTIONAL SUPPORT	41.9	24.1	54.9	97.7	6.7
SELF-SUPPORT	34.9	.0	.0	.0	76.9
ALL OTHER U.S. SOURCES	4.2	8.0	7.1	.5	4.6
FOREIGN SOURCES, TOTAL	1.7	9.5	.3	.0	1.6
			PERCENT OF TOTAL		
TOTAL, ALL SOURCES OF SUPPORT	100.0	9.5	17.2	27.7	45.4
ALL U.S. SOURCES, TOTAL	100.0	8.8	17.5	28.2	45.4
U.S. GOVERNMENT	100.0	32.4	37.8	2.8	26.8
ATOMIC ENERGY COMMISSION	100.0	15.7	68.4	.0	15.7
DEPARTMENT OF DEFENSE	100.0	1.3	14.3	.0	84.3
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	100.0	78.5	17.9	1.9	1.4
NATIONAL DEFENSE EDUCATION ACT	100.0	100.0	.0	.0	.0
NATIONAL INSTITUTES OF HEALTH	100.0	82.8	15.2	.7	1.1
OTHER HEW	100.0	67.1	25.9	4.5	2.2
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	100.0	11.1	77.7	.0	11.1
NATIONAL SCIENCE FOUNDATION	100.0	27.1	62.6	9.7	.4
VETERANS ADMINISTRATION (G.I.BILL)	100.0	.0	.0	.0	100.0
ALL OTHER U.S. GOVERNMENT AGENCIES	100.0	23.9	60.0	3.0	12.9
OTHER U.S. SOURCES	100.0	3.7	13.2	33.6	49.4
INSTITUTIONAL SUPPORT	100.0	5.5	22.6	64.6	7.2
SELF-SUPPORT	100.0	.0	.0	.0	100.0
ALL OTHER U.S. SOURCES	100.0	18.0	28.8	3.5	49.6
FOREIGN SOURCES, TOTAL	100.0	54.1	3.1	.0	42.6

TABLE B-18. FULL-TIME GRADUATE STUDENTS IN MASTER'S DEPARTMENTS OF PRIVATELY-CONTROLLED INSTITUTIONS, BY SOURCE AND TYPE OF MAJOR SUPPORT, 1972

SOURCE OF MAJOR SUPPORT	TOTAL	FELLOWSHIPS AND TRAINEESHIPS	RESEARCH ASSISTANTSHIPS	TEACHING ASSISTANTSHIPS	OTHER TYPES OF SUPPORT
TOTAL, ALL SOURCES OF SUPPORT	1,990	319	186	515	970
ALL U.S. SOURCES, TOTAL	1,933	306	186	515	926
U.S. GOVERNMENT	308	195	61	14	38
ATOMIC ENERGY COMMISSION	1				1
DEPARTMENT OF DEFENSE	28	3	22		3
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	123	105	12	6	
NATIONAL DEFENSE EDUCATION ACT	2	2			
NATIONAL INSTITUTES OF HEALTH	110	97	10	3	
OTHER HEW	11	6	2	3	
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	5		5		
NATIONAL SCIENCE FOUNDATION	24	10	9	5	
VETERANS ADMINISTRATION (G.I.BILL)	28				28
ALL OTHER U.S. GOVERNMENT AGENCIES	99	77	13	3	6
OTHER U.S. SOURCES	1,625	111	125	501	888
INSTITUTIONAL SUPPORT	749	73	107	493	76
SELF-SUPPORT	767				767
ALL OTHER U.S. SOURCES	109	38	18	8	45
FOREIGN SOURCES, TOTAL	57	13			44

PERCENT DISTRIBUTION

SOURCE OF MAJOR SUPPORT	TOTAL	FELLOWSHIPS AND TRAINEESHIPS	RESEARCH ASSISTANTSHIPS	TEACHING ASSISTANTSHIPS	OTHER TYPES OF SUPPORT
TOTAL, ALL SOURCES OF SUPPORT	100.0	100.0	100.0	100.0	100.0
ALL U.S. SOURCES, TOTAL	97.1	95.9	100.0	100.0	95.5
U.S. GOVERNMENT	15.5	61.1	32.8	2.7	3.9
ATOMIC ENERGY COMMISSION	.1	.0	.0	.0	.1
DEPARTMENT OF DEFENSE	1.4	.9	11.8	.0	.3
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	6.2	32.9	6.5	1.2	.0
NATIONAL DEFENSE EDUCATION ACT	.1	.6	.0	.0	.0
NATIONAL INSTITUTES OF HEALTH	5.5	30.4	5.4	.6	.0
OTHER HEW	.6	1.9	1.1	.6	.0
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	.3	.0	2.7	.0	.0
NATIONAL SCIENCE FOUNDATION	1.2	3.1	4.8	1.0	.0
VETERANS ADMINISTRATION (G.I.BILL)	1.4	.0	.0	.0	2.9
ALL OTHER U.S. GOVERNMENT AGENCIES	5.0	24.1	7.0	.6	.6
OTHER U.S. SOURCES	81.7	34.8	67.2	97.3	91.5
INSTITUTIONAL SUPPORT	37.6	22.9	57.5	95.7	7.8
SELF-SUPPORT	38.5	.0	.0	.0	79.1
ALL OTHER U.S. SOURCES	5.5	11.9	9.7	1.6	4.6
FOREIGN SOURCES, TOTAL	2.9	4.1	.0	.0	4.5

PERCENT OF TOTAL

SOURCE OF MAJOR SUPPORT	TOTAL	FELLOWSHIPS AND TRAINEESHIPS	RESEARCH ASSISTANTSHIPS	TEACHING ASSISTANTSHIPS	OTHER TYPES OF SUPPORT
TOTAL, ALL SOURCES OF SUPPORT	100.0	16.0	9.3	25.8	48.7
ALL U.S. SOURCES, TOTAL	100.0	15.8	9.6	26.6	47.9
U.S. GOVERNMENT	100.0	63.3	19.8	4.5	12.3
ATOMIC ENERGY COMMISSION	100.0	.0	.0	.0	100.0
DEPARTMENT OF DEFENSE	100.0	10.7	78.5	.0	10.7
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	100.0	85.3	9.7	4.8	.0
NATIONAL DEFENSE EDUCATION ACT	100.0	100.0	.0	.0	.0
NATIONAL INSTITUTES OF HEALTH	100.0	88.1	9.0	2.7	.0
OTHER HEW	100.0	54.5	18.1	27.2	.0
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	100.0	.0	100.0	.0	.0
NATIONAL SCIENCE FOUNDATION	100.0	41.6	37.5	20.8	.0
VETERANS ADMINISTRATION (G.I.BILL)	100.0	.0	.0	.0	100.0
ALL OTHER U.S. GOVERNMENT AGENCIES	100.0	77.7	13.1	3.0	6.0
OTHER U.S. SOURCES	100.0	6.8	7.6	30.8	54.6
INSTITUTIONAL SUPPORT	100.0	9.7	14.2	65.8	10.1
SELF-SUPPORT	100.0	.0	.0	.0	100.0
ALL OTHER U.S. SOURCES	100.0	34.8	16.5	7.3	41.2
FOREIGN SOURCES, TOTAL	100.0	22.8	.0	.0	77.1

TABLE B-19. FULL-TIME GRADUATE STUDENTS IN MASTER'S DEPARTMENTS SUPPORTED BY U.S. GOVERNMENT SOURCES, BY FIELD OF SCIENCE AND FEDERAL AGENCY, 1972

AREA AND FIELD OF SCIENCE	TOTAL	AEC	DEPT. OF DEFENSE	HEW: TOTAL HEW	HEW: NDEA	HEW: PHS (NIH) (NIMH)	HEW: OTHER HEW	NASA	NSF	VA (G.I. BILL)	OTHER U.S. GOVT.
TOTAL, ALL FIELDS OF SCIENCE........	1,926	20	251	529	21	366	142	14	230	187	695
ENGINEERING........................	508	10	155	30	12	9	9	3	62	26	222
AERONAUTICAL.......................	15		10					1	3		1
AGRICULTURAL.......................	23							1			22
CHEMICAL...........................	15	1		2		1	1		2		10
CIVIL..............................	100		3	6		5	1		13	5	73
ELECTRICAL.........................	19		3	1		1			6	1	8
ENGINEERING SCIENCE................	23								12		11
INDUSTRIAL.........................	175		114	2		2		1	4	9	45
MECHANICAL.........................	29	1	2	7	2		5		3	5	11
METALLURGICAL AND MATERIALS........	40	5	8	2	2				17		8
MINING.............................	12								2		10
NUCLEAR............................	4	2									2
PETROLEUM..........................	2										2
OTHER ENGINEERING..................	51	1	15	10	8		2			6	19
PHYSICAL SCIENCES..................	191	5	15	20	2	17	1	4	35	31	81
ASTRONOMY..........................	1								1		
ATMOSPHERIC SCIENCES...............	25		1	2		2			3		19
CHEMISTRY..........................	35		1	17	1	15	1		13		4
GEOSCIENCES........................	74	4	3	1	1				10	17	39
OCEANOGRAPHY.......................	33		6					4	3	8	12
PHYSICS............................	23	1	4						5	6	7
MATHEMATICAL SCIENCES..............	111		58	10		5	5		19	15	9
APPLIED MATHEMATICS................	68		51						9	5	3
MATHEMATICS........................	36		7	5			5		10	8	6
STATISTICS.........................	7			5		5				2	
LIFE SCIENCES......................	593	5	2	334		289	45	4	49	22	177
AGRICULTURE........................	170			36		28	8		18	13	103
BIOCHEMISTRY.......................	5			4		4				1	
BIOLOGY............................	70	2		14		14		2	29	1	22
BOTANY.............................	8			4		4					4
MICROBIOLOGY.......................	15		1	5		4	1	1	2	1	5
PHYSIOLOGY.........................	7										7
ZOOLOGY............................	2										2
OTHER LIFE SCIENCES................	316	3	1	271		235	36	1		6	34
PSYCHOLOGY.........................	69			19		13	6	1	5	34	10
SOCIAL SCIENCES....................	454		21	116	7	33	76	2	60	59	196
AGRICULTURAL ECONOMICS.............	60									1	59
ANTHROPOLOGY.......................	15			1			1		5	2	7
ECONOMICS (EXCEPT AGRICULTURAL)....	21			2			2		1	8	10
GEOGRAPHY..........................	26		4	1			1	2	3	10	6
LINGUISTICS........................	40		2	35		3	32		1	1	1
POLITICAL SCIENCE..................	84		15	24		1	23		2	21	22
SOCIOLOGY..........................	198			52	7	28	17		45	14	87
SOCIOLOGY AND ANTHROPOLOGY.........	10			1		1			3	2	4

TABLE B-19. FULL-TIME GRADUATE STUDENTS IN MASTER'S DEPARTMENTS SUPPORTED BY U.S. GOVERNMENT SOURCES, BY FIELD OF SCIENCE AND FEDERAL AGENCY, 1972 (CONTINUED)

AREA AND FIELD OF SCIENCE	TOTAL	AEC	DEPT. OF DEFENSE	HEW: TOTAL HEW	HEW: NDEA	HEW: PHS (NIH) (NIMH)	HEW: OTHER HEW	NASA	NSF	VA (G.I. BILL)	OTHER U.S. GOVT.
	PERCENT DISTRIBUTION										
TOTAL, ALL FIELDS OF SCIENCE	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ENGINEERING	26.4	50.0	61.8	5.7	57.1	2.5	6.3	21.4	27.0	13.9	31.9
AERONAUTICAL	.8	.0	4.0	.0	.0	.0	.0	7.1	1.3	.0	.1
AGRICULTURAL	1.2	.0	.0	.0	.0	.0	.0	7.1	.0	.0	3.2
CHEMICAL	.8	5.0	.0	.4	.0	.3	.7	.0	.9	.0	1.4
CIVIL	5.2	.0	1.2	1.1	.0	1.4	.7	.0	5.7	2.7	10.5
ELECTRICAL	1.0	.0	1.2	.2	.0	.3	.0	.0	2.6	.5	1.2
ENGINEERING SCIENCE	1.2	.0	.0	.0	.0	.0	.0	.0	5.2	.0	1.6
INDUSTRIAL	9.1	.0	45.4	.4	.0	.5	.0	7.1	1.7	4.8	6.5
MECHANICAL	1.5	5.0	.8	1.3	9.5	.0	3.5	.0	1.3	2.7	1.6
METALLURGICAL AND MATERIALS	2.1	25.0	3.2	.4	9.5	.0	.0	.0	7.4	.0	1.2
MINING	.6	.0	.0	.0	.0	.0	.0	.0	.9	.0	1.4
NUCLEAR	.2	10.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
PETROLEUM	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
OTHER ENGINEERING	2.6	5.0	6.0	1.9	38.1	.0	1.4	.0	.0	3.2	[illegible]
PHYSICAL SCIENCES	9.9	25.0	6.0	3.8	9.5	4.6	.7	28.6	15.2	16.6	11.7
ASTRONOMY	.1	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0
ATMOSPHERIC SCIENCES	1.3	.0	.4	.4	.0	.5	.0	.0	1.3	.0	2.7
CHEMISTRY	1.8	.0	.4	3.2	4.8	4.1	.7	.0	5.7	.0	.6
GEOSCIENCES	3.8	20.0	1.2	.2	4.8	.0	.0	.0	4.3	9.1	5.6
OCEANOGRAPHY	1.7	.0	2.4	.0	.0	.0	.0	28.6	1.3	4.3	1.7
PHYSICS	1.2	5.0	1.6	.0	.0	.0	.0	.0	2.2	3.2	1.0
MATHEMATICAL SCIENCES	5.8	.0	23.1	1.9	.0	1.4	3.5	.0	8.3	8.0	1.3
APPLIED MATHEMATICS	3.5	.0	20.3	.0	.0	.0	.0	.0	3.9	2.7	.4
MATHEMATICS	1.9	.0	2.8	.9	.0	.0	3.5	.0	4.3	4.3	.9
STATISTICS	.4	.0	.0	.9	.0	1.4	.0	.0	.0	1.1	.0
LIFE SCIENCES	30.8	25.0	.8	63.1	.0	79.0	31.7	28.6	21.3	11.8	25.5
AGRICULTURE	8.8	.0	.0	6.8	.0	7.7	5.6	.0	7.8	7.0	14.8
BIOCHEMISTRY	.3	.0	.0	.8	.0	1.1	.0	.0	.0	.5	.0
BIOLOGY	3.6	10.0	.0	2.6	.0	3.8	.0	14.3	12.6	.5	3.2
BOTANY	.4	.0	.0	.8	.0	1.1	.0	.0	.0	.0	.6
MICROBIOLOGY	.8	.0	.4	.9	.0	1.1	.7	7.1	.9	.5	.7
PHYSIOLOGY	.4	.0	.0	[illegible]	.0	.0	.0	.0	.0	.0	1.0
ZOOLOGY	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
OTHER LIFE SCIENCES	16.4	15.0	.4	51.2	.0	64.2	25.4	7.1	.0	3.2	4.9
PSYCHOLOGY	3.6	.0	.0	3.6	.0	3.6	4.2	7.1	2.2	18.2	1.4
SOCIAL SCIENCES	23.6	.0	[illegible]	21.9	33.3	9.0	53.5	14.3	26.1	31.6	28.2
AGRICULTURAL ECONOMICS	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.5	8.5
ANTHROPOLOGY	.8	.0	.0	.2	.0	.0	.7	.0	2.2	1.1	1.0
ECONOMICS (EXCEPT AGRICULTURAL)	1.1	.0	.0	.4	.0	.0	1.4	.0	.4	4.3	1.4
GEOGRAPHY	1.3	.0	1.6	.2	.0	.0	.7	14.3	1.3	5.3	.9
LINGUISTICS	2.1	.0	.8	6.6	.0	.8	22.5	.0	.4	.5	.1
POLITICAL SCIENCE	4.4	.0	6.0	4.5	.0	.3	16.2	.0	.9	11.2	3.2
SOCIOLOGY	10.3	.0	.0	9.8	33.3	7.7	12.0	.0	19.6	7.5	12.5
SOCIOLOGY AND ANTHROPOLOGY	.5	.0	.0	.2	.0	.3	.0	.0	1.3	1.1	.6

TABLE B-19. FULL-TIME GRADUATE STUDENTS IN MASTER'S DEPARTMENTS SUPPORTED BY U.S. GOVERNMENT SOURCES, BY FIELD OF SCIENCE AND FEDERAL AGENCY, 1972 (CONTINUED)

AREA AND FIELD OF SCIENCE	TOTAL	AEC	DEPT. OF DEFENSE	HEW: TOTAL HEW	HEW: NDEA	HEW: PHS (NIH) (NIMH)	HEW: OTHER HEW	NASA	NSF	VA (G.I. BILL)	OTHER U.S. GOVT.
	PERCENT OF TOTAL										
TOTAL, ALL FIELDS OF SCIENCE........	100.0	1.0	13.0	27.4	1.0	19.0	7.3	.7	11.9	9.7	36.0
ENGINEERING........................	100.0	1.9	30.5	5.9	2.3	1.7	1.7	.5	12.2	5.1	43.7
AERONAUTICAL........................	100.0	.0	66.6	.0	.0	.0	.0	6.6	20.0	.0	6.6
AGRICULTURAL........................	100.0	.0	.0	.0	.0	.0	.0	4.3	.0	.0	95.6
CHEMICAL........................	100.0	6.6	.0	13.3	.0	6.6	6.6	.0	13.3	.0	66.6
CIVIL........................	100.0	.0	3.0	6.0	.0	5.0	1.0	.0	13.0	5.0	73.0
ELECTRICAL........................	100.0	.0	15.7	5.2	.0	5.2	.0	.0	31.5	5.2	42.1
ENGINEERING SCIENCE................	100.0	.0	.0	.0	.0	.0	.0	.0	52.1	.0	47.8
INDUSTRIAL........................	100.0	.0	65.1	1.1	.0	1.1	.0	.5	2.2	5.1	25.7
MECHANICAL........................	100.0	3.4	6.8	24.1	6.8	.0	17.2	.0	10.3	17.2	37.9
METALLURGICAL AND MATERIALS........	100.0	12.5	20.0	5.0	5.0	.0	.0	.0	42.5	.0	20.0
MINING........................	100.0	.0	.0	.0	.0	.0	.0	.0	16.6	.0	83.3
NUCLEAR........................	100.0	50.0	.0	.0	.0	.0	.0	.0	.0	.0	50.0
PETROLEUM........................	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0
OTHER ENGINEERING................	100.0	1.9	29.4	19.6	15.6	.0	3.9	.0	.0	11.7	37.2
PHYSICAL SCIENCES..................	100.0	2.6	7.8	10.4	1.0	8.9	.5	2.0	18.3	16.2	42.4
ASTRONOMY........................	100.0	.0	.0	.0	.0	.0	.0	.0	100.0	.0	.0
ATMOSPHERIC SCIENCES...............	100.0	.0	4.0	8.0	.0	8.0	.0	.0	12.0	.0	76.0
CHEMISTRY........................	100.0	.0	2.8	48.5	2.8	42.8	2.8	.0	37.1	.0	11.4
GEOSCIENCES........................	100.0	5.4	4.0	1.3	1.3	.0	.0	.0	13.5	22.9	52.7
OCEANOGRAPHY........................	100.0	.0	18.1	.0	.0	.0	.0	12.1	9.0	24.2	36.3
PHYSICS........................	100.0	4.3	17.3	.0	.0	.0	.0	.0	21.7	26.0	30.4
MATHEMATICAL SCIENCES..............	100.0	.0	52.2	9.0	.0	4.5	4.5	.0	17.1	13.5	8.1
APPLIED MATHEMATICS................	100.0	.0	75.0	.0	.0	.0	.0	.0	13.2	7.3	4.4
MATHEMATICS........................	100.0	.0	19.4	13.8	.0	.0	13.8	.0	27.7	22.2	16.6
STATISTICS........................	100.0	.0	.0	71.4	.0	71.4	.0	.0	.0	28.5	.0
LIFE SCIENCES........................	100.0	.8	.3	56.3	.0	48.7	7.5	.6	8.2	3.7	29.8
AGRICULTURE........................	100.0	.0	.0	21.1	.0	16.4	4.7	.0	10.5	7.6	60.5
BIOCHEMISTRY........................	100.0	.0	.0	80.0	.0	80.0	.0	.0	.0	20.0	.0
BIOLOGY........................	100.0	2.8	.0	20.0	.0	20.0	.0	2.8	41.4	1.4	31.4
BOTANY........................	100.0	.0	.0	50.0	.0	50.0	.0	.0	.0	.0	50.0
MICROBIOLOGY........................	100.0	.0	6.6	33.3	.0	26.6	6.6	6.6	13.3	6.6	33.3
PHYSIOLOGY........................	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0
ZOOLOGY........................	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0
OTHER LIFE SCIENCES................	100.0	.9	.3	85.7	.0	74.3	11.3	.3	.0	1.8	10.7
PSYCHOLOGY........................	100.0	.0	.0	27.5	.0	18.8	8.6	1.4	7.2	49.2	14.4
SOCIAL SCIENCES........................	100.0	.0	4.6	25.5	1.5	7.2	16.7	.4	13.2	12.9	43.1
AGRICULTURAL ECONOMICS.............	100[illegible]	.0	.0	.0	.0	.0	.0	.0	.0	1.6	98.3
ANTHROPOLOGY........................	100.0	.0	.0	6.6	.0	.0	6.6	.0	33.3	13.3	46.6
ECONOMICS (EXCEPT AGRICULTURAL)...	100.0	.0	.0	9.5	.0	.0	9.5	.0	4.7	38.0	47.6
GEOGRAPHY........................	100.0	.0	15.3	3.8	.0	.0	3.8	7.6	11.5	38.4	23.0
LINGUISTICS........................	100.0	.0	5.0	87.5	.0	7.5	80.0	.0	2.5	2.5	2.5
POLITICAL SCIENCE..................	100.0	.0	17.8	28.5	.0	1.1	27.3	.0	2.3	25.0	26.1
SOCIOLOGY........................	100.0	.0	.0	26.2	3.5	14.1	8.5	.0	22.7	7.0	43.9
SOCIOLOGY AND ANTHROPOLOGY........	100.0	.0	.0	10.0	.0	10.0	.0	.0	30.0	20.0	40.0

TABLE B-20. FULL-TIME GRADUATE STUDENTS IN MASTER'S DEPARTMENTS SUPPORTED BY NON-U.S. GOVERNMENT SOURCES, BY FIELD OF SCIENCE, 1972

AREA AND FIELD OF SCIENCE	TOTAL	INSTITUTIONAL SUPPORT	SELF-SUPPORT	ALL OTHER U.S. SOURCES	FOREIGN SOURCES
TOTAL, ALL FIELDS OF SCIENCE	9,466	4,693	4,051	508	214
ENGINEERING	1,497	605	762	91	39
AERONAUTICAL	27	11	12		4
AGRICULTURAL	108	51	46	4	7
CHEMICAL	99	32	55	6	6
CIVIL	255	118	122	10	5
ELECTRICAL	189	68	111	10	
ENGINEERING SCIENCE	79	28	42	9	
INDUSTRIAL	251	72	163	14	2
MECHANICAL	188	90	78	17	3
METALLURGICAL AND MATERIALS	14	8	3	3	
MINING	26	5	11	3	7
NUCLEAR	16	11	2	2	1
PETROLEUM	12	5	1	4	2
OTHER ENGINEERING	233	106	116	9	2
PHYSICAL SCIENCES	1,213	848	221	124	20
ASTRONOMY	18	14	4		
ATMOSPHERIC SCIENCES	9	1	6	1	1
CHEMISTRY	252	197	31	23	1
GEOSCIENCES	537	333	133	62	9
OCEANOGRAPHY	118	67	22	29	
PHYSICS	279	236	25	9	9
MATHEMATICAL SCIENCES	958	626	287	41	4
APPLIED MATHEMATICS	212	68	125	18	1
MATHEMATICS	718	542	150	23	3
STATISTICS	28	16	12		
LIFE SCIENCES	1,797	898	684	119	96
AGRICULTURE	654	346	182	62	64
BIOCHEMISTRY	12	7	5		
BIOLOGY	714	383	307	17	7
BOTANY	16	13	3		
MICROBIOLOGY	57	37	18	2	
PHYSIOLOGY	17	15		2	
ZOOLOGY	10	5	4	1	
OTHER LIFE SCIENCES	317	92	165	35	25
PSYCHOLOGY	806	249	537	16	4
SOCIAL SCIENCES	3,195	1,467	1,560	117	51
AGRICULTURAL ECONOMICS	53	27	12	8	6
ANTHROPOLOGY	287	104	182		1
ECONOMICS (EXCEPT AGRICULTURAL)	363	174	179	2	8
GEOGRAPHY	396	237	138	17	4
HISTORY AND PHILOSOPHY OF SCIENCE	12	7	5		
LINGUISTICS	103	40	61		2
POLITICAL SCIENCE	876	378	429	49	20
SOCIOLOGY	867	360	456	41	10
SOCIOLOGY AND ANTHROPOLOGY	238	140	98		

TABLE A-20. FULL-TIME GRADUATE STUDENTS IN MASTER'S DEPARTMENTS SUPPORTED BY NON-U.S. GOVERNMENT SOURCES, BY FIELD OF SCIENCE, 1972 (CONTINUED)

AREA AND FIELD OF SCIENCE	TOTAL	INSTITUTIONAL SUPPORT	SELF-SUPPORT	ALL OTHER U.S. SOURCES	FOREIGN SOURCES
			PERCENT DISTRIBUTION		
TOTAL, ALL FIELDS OF SCIENCE............	100.0	100.0	100.0	100.0	100.0
ENGINEERING............................	15.8	12.9	18.8	17.9	18.2
AERONAUTICAL...........................	.3	.2	.3	.0	1.9
AGRICULTURAL...........................	1.1	1.1	1.1	.8	3.3
CHEMICAL...............................	1.0	.7	1.4	1.2	2.8
CIVIL..................................	2.7	2.5	3.0	2.0	2.3
ELECTRICAL.............................	2.0	1.4	2.7	2.0	.0
ENGINEERING SCIENCE....................	.8	.6	1.0	1.8	.0
INDUSTRIAL.............................	2.7	1.5	4.0	2.8	.9
MECHANICAL.............................	2.0	1.9	1.9	3.3	1.4
METALLURGICAL AND MATERIALS............	.1	.2	.1	.6	.0
MINING.................................	.3	.1	.3	.6	3.3
NUCLEAR................................	.2	.2	.0	.4	.5
PETROLEUM..............................	.1	.1	.0	.8	.9
OTHER ENGINEERING......................	2.5	2.3	2.9	1.8	.9
PHYSICAL SCIENCES......................	12.8	18.1	5.5	24.4	9.3
ASTRONOMY..............................	.2	.3	.1	.0	.0
ATMOSPHERIC SCIENCES...................	.1	.0	.1	.2	.5
CHEMISTRY..............................	2.7	4.2	.8	4.5	.5
GEOSCIENCES............................	5.7	7.1	3.3	12.2	4.2
OCEANOGRAPHY...........................	1.2	1.4	.5	5.7	.0
PHYSICS................................	2.9	5.0	.6	1.8	4.2
MATHEMATICAL SCIENCES..................	10.1	13.3	7.1	8.1	1.9
APPLIED MATHEMATICS....................	2.2	1.4	3.1	3.5	.5
MATHEMATICS............................	7.6	11.5	3.7	4.5	1.4
STATISTICS.............................	.3	.3	.3	.0	.0
LIFE SCIENCES..........................	19.0	19.1	16.9	23.4	44.9
AGRICULTURE............................	6.9	7.4	4.5	12.2	29.9
BIOCHEMISTRY...........................	.1	.1	.1	.0	.0
BIOLOGY................................	7.5	8.2	7.6	3.3	3.3
BOTANY.................................	.2	.3	.1	.0	.0
MICROBIOLOGY...........................	.6	.8	.4	.4	.0
PHYSIOLOGY.............................	.2	.3	.0	.4	.0
ZOOLOGY................................	.1	.1	.1	.2	.0
OTHER LIFE SCIENCES....................	3.3	2.0	4.1	6.9	11.7
PSYCHOLOGY.............................	8.5	5.3	13.3	3.1	1.9
SOCIAL SCIENCES........................	33.8	31.3	38.5	23.0	23.8
AGRICULTURAL ECONOMICS.................	.6	.6	.3	1.6	2.8
ANTHROPOLOGY...........................	3.0	2.2	4.5	.0	.5
ECONOMICS (EXCEPT AGRICULTURAL)........	3.8	3.7	4.4	.4	3.7
GEOGRAPHY..............................	4.2	5.1	3.4	3.3	1.9
HISTORY AND PHILOSOPHY OF SCIENCE......	.1	.1	.1	.0	.0
LINGUISTICS............................	1.1	.9	1.5	.0	.9
POLITICAL SCIENCE......................	9.3	8.1	10.6	9.6	9.3
SOCIOLOGY..............................	9.2	7.7	11.3	8.1	4.7
SOCIOLOGY AND ANTHROPOLOGY.............	2.5	3.0	2.4	.0	.0

TABLE B-20. FULL-TIME GRADUATE STUDENTS IN MASTER'S DEPARTMENTS SUPPORTED BY NON-U.S. GOVERNMENT SOURCES, BY FIELD OF SCIENCE, 1972 (CONTINUED)

AREA AND FIELD OF SCIENCE	TOTAL	INSTITUTIONAL SUPPORT	SELF-SUPPORT	ALL OTHER U.S. SOURCES	FOREIGN SOURCES
			PERCENT OF TOTAL		
TOTAL, ALL FIELDS OF SCIENCE	100.0	49.5	42.7	5.3	2.2
ENGINEERING	100.0	40.4	50.9	6.0	2.6
AERONAUTICAL	100.0	40.7	44.4	.0	14.8
AGRICULTURAL	100.0	47.2	42.5	3.7	6.4
CHEMICAL	100.0	32.3	55.5	6.0	6.0
CIVIL	100.0	46.2	47.8	3.9	1.9
ELECTRICAL	100.0	35.9	58.7	5.2	.0
ENGINEERING SCIENCE	100.0	35.4	[illegible]3.1	11.3	.0
INDUSTRIAL	100.0	28.6	64.9	5.5	.7
MECHANICAL	100.0	47.8	41.4	9.0	1.5
METALLURGICAL AND MATERIALS	100.0	57.1	21.4	21.4	.0
MINING	100.0	19.2	42.3	11.5	26.9
NUCLEAR	100.0	68.7	12.5	12.5	6.2
PETROLEUM	100.0	41.6	8.3	33.3	16.6
OTHER ENGINEERING	100.0	45.4	49.7	3.8	.8
PHYSICAL SCIENCES	100.0	69.9	18.2	10.2	1.6
ASTRONOMY	100.0	77.7	22.2	.0	.0
ATMOSPHERIC SCIENCES	100.0	11.1	66.6	11.1	11.1
CHEMISTRY	100.0	78.1	12.3	9.1	.3
GEOSCIENCES	100.0	62.0	24.7	11.5	1.6
OCEANOGRAPHY	100.0	56.7	18.6	24.5	.0
PHYSICS	100.0	84.5	8.9	3.2	3.2
MATHEMATICAL SCIENCES	100.0	65.3	29.9	4.2	.4
APPLIED MATHEMATICS	100.0	32.0	58.9	8.4	.4
MATHEMATICS	100.0	75.4	20.8	3.2	.4
STATISTICS	100.0	57.1	42.8	.0	.0
LIFE SCIENCES	100.0	49.9	38.0	6.6	5.3
AGRICULTURE	100.0	52.9	27.8	9.4	9.7
BIOCHEMISTRY	100.0	58.3	41.6	.0	.0
BIOLOGY	100.0	53.6	42.9	2.3	.9
BOTANY	100.0	81.2	18.7	.0	.0
MICROBIOLOGY	100.0	64.9	31.5	3.5	.0
PHYSIOLOGY	100.0	88.2	.0	11.7	.0
ZOOLOGY	100.0	50.0	40.0	10.0	.0
OTHER LIFE SCIENCES	100.0	29.0	52.0	11.0	7.8
PSYCHOLOGY	100.0	30.8	66.6	1.9	.4
SOCIAL SCIENCES	100.0	45.9	48.8	3.6	1.5
AGRICULTURAL ECONOMICS	100.0	50.9	22.6	15.0	11.3
ANTHROPOLOGY	100.0	36.2	63.4	.0	.3
ECONOMICS (EXCEPT AGRICULTURAL)	100.0	47.9	49.3	.5	2.2
GEOGRAPHY	100.0	59.8	34.8	4.2	1.0
HISTORY AND PHILOSOPHY OF SCIENCE	100.0	58.3	41.6	.0	.0
LINGUISTICS	100.0	38.8	59.2	.0	1.9
POLITICAL SCIENCE	100.0	43.1	48.9	5.5	2.2
SOCIOLOGY	100.0	41.5	52.5	4.7	1.1
SOCIOLOGY AND ANTHROPOLOGY	100.0	58.8	41.1	.0	.0

TABLE B-21. POSTDOCTORALS IN MASTER'S DEPARTMENTS, BY FIELD OF SCIENCE, 1971 AND 1972*

AREA AND FIELD OF SCIENCE	FALL 1971				FALL 1972			
	TOTAL POSTDOCTORALS		RECENT DOCTORALS		TOTAL POSTDOCTORALS		RECENT DOCTORALS	
	NUMBER	PERCENT DISTRIBUTION	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT DISTRIBUTION	NUMBER	PERCENT OF TOTAL
TOTAL, ALL FIELDS OF SCIENCE..........	146	100.0	89	61.0	186	100.0	106	57.0
ENGINEERING..........................	6	4.1	4	66.7	11	5.9	6	54.5
AERONAUTICAL.........................		.0		.0	2	1.1	2	100.0
AGRICULTURAL.........................	2	1.4	1	50.0	6	3.2	1	16.7
CHEMICAL.............................	1	.7	1	100.0		.0		.0
ELECTRICAL...........................	2	1.4	2	100.0	2	1.1	2	100.0
INDUSTRIAL...........................	1	.7		.0		.0		.0
MINING...............................		.0		.0	1	.5	1	100.0
PHYSICAL SCIENCES....................	20	13.7	11	55.0	22	11.8	9	40.9
ASTRONOMY............................	1	.7	1	100.0		.0		.0
ATMOSPHERIC SCIENCES.................	2	1.4	1	50.0	3	1.6	2	66.7
CHEMISTRY............................	7	4.8	5	71.4	8	4.3	5	62.5
GEOSCIENCES..........................	4	2.7	1	25.0	6	3.2	1	16.7
OCEANOGRAPHY.........................	4	2.7	3	75.0		.0		.0
PHYSICS..............................	2	1.4		.0	5	2.7	1	20.0
MATHEMATICAL SCIENCES................		.0		.0	2	1.1	1	50.0
MATHEMATICS..........................		.0		.0	1	.5	1	100.0
STATISTICS...........................		.0		.0	1	.5		.0
LIFE SCIENCES........................	97	66.4	56	57.7	119	64.0	68	57.1
AGRICULTURE..........................	9	6.2	6	66.7	14	7.5	9	64.3
BIOCHEMISTRY.........................	1	.7		.0	1	.5		.0
BIOLOGY..............................	3	2.1	1	33.3	8	4.3	4	50.0
OTHER LIFE SCIENCES..................	84	57.5	49	58.3	96	51.6	55	57.3
PSYCHOLOGY...........................	22	15.1	18	81.8	28	15.1	20	71.4
SOCIAL SCIENCES......................	1	.7		.0	4	2.2	2	50.0
ANTHROPOLOGY.........................	1	.7		.0	2	1.1		.0
SOCIOLOGY............................		.0		.0	2	1.1	2	100.0

* AS REPORTED IN 1972.

TABLE C-1. GRADUATE STUDENTS IN DOCTORATE DEPARTMENTS, BY FIELD OF SCIENCE AND ENROLLMENT STATUS, 1972

AREA AND FIELD OF SCIENCE	TOTAL		FULL TIME		PART TIME	
	NUMBER	PERCENT DISTRIBUTION	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL
TOTAL, ALL FIELDS OF SCIENCE	190,711	100.0	149,937	78.6	40,774	21.4
ENGINEERING	46,643	24.5	30,908	66.3	15,735	33.7
AERONAUTICAL	1,685	.9	1,327	78.8	358	21.2
AGRICULTURAL	482	.3	396	82.2	86	17.8
CHEMICAL	4,134	2.2	2,981	72.1	1,153	27.9
CIVIL	7,405	3.9	4,946	66.8	2,459	33.2
ELECTRICAL	12,730	6.7	7,386	58.0	5,344	42.0
ENGINEERING SCIENCE	1,540	.8	1,234	80.1	306	19.9
INDUSTRIAL	4,885	2.6	3,053	62.5	1,832	37.5
MECHANICAL	6,348	3.3	4,085	64.4	2,263	35.6
METALLURGICAL AND MATERIALS	2,001	1.0	1,588	79.4	413	20.6
MINING	291	.2	258	88.7	33	11.3
NUCLEAR	1,102	.6	924	83.8	178	16.2
PETROLEUM	249	.1	204	81.9	45	18.1
OTHER ENGINEERING	3,791	2.0	2,526	66.6	1,265	33.4
PHYSICAL SCIENCES	31,172	16.3	27,544	88.4	3,628	11.6
ASTRONOMY	555	.3	519	93.5	36	6.5
ATMOSPHERIC SCIENCES	949	.5	821	86.5	128	13.5
CHEMISTRY	13,487	7.1	11,789	87.4	1,698	12.6
GEOSCIENCES	4,688	2.5	4,151	88.5	537	11.5
OCEANOGRAPHY	1,298	.7	1,173	90.4	125	9.6
PHYSICS	10,195	5.3	9,091	89.2	1,104	10.8
MATHEMATICAL SCIENCES	13,618	8.2	11,909	76.3	3,709	23.7
APPLIED MATHEMATICS	3,282	1.7	2,442	74.4	840	25.6
MATHEMATICS	10,750	5.6	8,214	76.4	2,536	23.6
STATISTICS	1,586	.8	1,253	79.0	333	21.0
LIFE SCIENCES	38,789	20.3	34,083	87.9	4,706	12.1
AGRICULTURE	8,638	4.5	7,460	86.4	1,178	13.6
BIOCHEMISTRY	3,837	2.0	3,596	93.7	241	6.3
BIOLOGY	7,722	4.0	6,901	89.4	821	10.6
BOTANY	2,489	1.3	2,301	92.4	188	7.6
MICROBIOLOGY	2,669	1.4	2,439	91.4	230	8.6
PHARMACOLOGY	2,022	1.1	1,761	87.1	261	12.9
PHYSIOLOGY	1,907	1.0	1,710	89.7	197	10.3
ZOOLOGY	3,649	1.9	3,279	89.9	370	10.1
OTHER LIFE SCIENCES	5,856	3.1	4,636	79.2	1,220	20.8
PSYCHOLOGY	16,690	8.8	14,282	85.6	2,408	14.4
SOCIAL SCIENCES	41,799	21.9	31,211	74.7	10,588	25.3
AGRICULTURAL ECONOMICS	1,243	.7	1,097	88.3	146	11.7
ANTHROPOLOGY	4,490	2.4	3,857	85.9	633	14.1
ECONOMICS (EXCEPT AGRICULTURAL)	8,516	4.5	6,541	76.8	1,975	23.2
GEOGRAPHY	2,128	1.1	1,741	81.8	387	18.2
HISTORY AND PHILOSOPHY OF SCIENCE	2,413	1.3	1,912	79.2	501	20.8
LINGUISTICS	2,544	1.3	1,881	73.9	663	26.1
POLITICAL SCIENCE	10,763	5.6	6,690	62.2	4,073	37.8
SOCIOLOGY	8,963	4.7	6,944	77.5	2,019	22.5
SOCIOLOGY AND ANTHROPOLOGY	739	.4	548	74.2	191	25.8

TABLE C-2. GRADUATE STUDENTS IN DOCTORATE DEPARTMENTS, BY FIELD OF SCIENCE, ENROLLMENT STATUS, AND LEVEL OF STUDY, 1972

AREA AND FIELD OF SCIENCE	FULL TIME					PART TIME				
		FIRST YEAR		BEYOND FIRST YEAR			FIRST YEAR		BEYOND FIRST YEAR	
	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL
TOTAL, ALL FIELDS OF SCIENCE........	149,937	47,007	31.4	102,930	68.6	40,774	13,185	32.3	27,589	67.7
ENGINEERING.........................	30,908	12,238	39.6	18,670	60.4	15,735	6,170	39.2	9,565	60.8
AERONAUTICAL........................	1,327	436	32.9	891	67.1	358	99	27.7	259	72.3
AGRICULTURAL........................	396	131	33.1	265	66.9	86	22	25.6	64	74.[illegible]
CHEMICAL............................	2,981	950	31.9	2,031	68.1	1,153	329	28.5	824	71.5
CIVIL...............................	4,946	2,418	48.9	2,528	51.1	2,459	1,092	44.4	1,367	[illegible].6
ELECTRICAL..........................	7,386	2,967	40.2	4,419	59.8	5,344	2,446	45.8	2,898	54.2
ENGINEERING SCIENCE.................	1,234	347	28.1	887	71.9	306	75	24.5	231	75.5
INDUSTRIAL..........................	3,053	1,336	43.8	1,717	56.2	1,832	585	31.9	1,247	6[illegible].1
MECHANICAL..........................	4,085	1,695	41.5	2,390	58.5	2,263	955	42.2	1,308	57.8
METALLURGICAL AND MATERIALS.........	1,588	416	26.2	1,172	73.8	413	81	19.6	332	80.4
MINING..............................	258	75	29.1	183	70.9	33	14	42.4	19	57.6
NUCLEAR.............................	924	336	36.4	588	63.6	178	57	32.0	121	68.0
PETROLEUM...........................	204	74	36.3	130	63.7	45	20	44.4	25	55.6
OTHER ENGINEERING...................	2,526	1,057	41.8	1,469	58.2	1,265	395	31.2	870	68.8
PHYSICAL SCIENCES...................	2[illegible],544	6,952	25.2	20,592	74.8	3,628	792	21.8	2,836	78.2
ASTRONOMY...........................	519	107	20.6	412	79.4	36	4	11.1	32	88.9
ATMOSPHERIC SCIENCES................	821	282	34.3	539	65.7	128	21	16.4	107	83.6
CHEMISTRY...........................	11,789	2,856	24.2	8,933	75.8	1,698	424	25.0	1,274	75.0
GEOSCIENCES.........................	4,151	1,351	32.5	2,800	67.5	537	111	20.7	426	79.3
OCEANOGRAPHY........................	1,173	350	29.8	823	70.2	125	18	14.4	107	85.6
PHYSICS.............................	9,[illegible]91	2,006	22.1	7,085	77.9	1,10[illegible]	214	19.4	890	80.6
MATHEMATICAL SCIENCES...............	11,909	[illegible]	31.8	8,117	68.2	3,709	1,521	41.0	2,188	59.0
APPLIED MATHEMATICS.................	2,442	795	32.6	1,647	67.4	840	349	41.5	491	58.5
MATHEMATICS.........................	8,214	2,617	31.9	5,597	68.1	2,536	1,042	41.1	1,494	58.9
STATISTICS..........................	1,253	380	30.3	873	69.7	333	130	39.0	203	61.0
LIFE SCIENCES.......................	34,083	10,163	29.8	23,920	70.2	4,706	1,430	30.4	3,276	69.6
AGRICULTURE.........................	7,460	2,396	32.1	5,064	67.9	1,178	270	22.9	908	77.1
BIOCHEMISTRY........................	3,596	947	26.3	2,649	73.7	241	58	24.1	183	75.9
BIOLOGY.............................	6,901	2,009	29.1	4,892	70.9	821	229	27.9	592	72.1
BOTANY..............................	2,301	605	26.3	1,696	73.7	188	36	19.1	152	80.9
MICROBIOLOGY........................	2,439	717	29.4	1,722	70.6	230	79	34.3	151	65.7
PHARMACOLOGY........................	1,761	497	28.2	1,264	71.8	261	126	48.3	135	51.7
PHYSIOLOGY..........................	1,710	540	31.6	1,170	68.4	197	53	26.9	144	73.1
ZOOLOGY.............................	3,279	904	27.6	2,375	72.4	370	73	19.7	297	80.3
OTHER LIFE SCIENCES.................	4,636	1,548	33.4	3,088	66.6	1,220	506	41.5	714	58.5
PSYCHOLOGY..........................	14,282	3,960	27.7	10,322	72.3	2,408	464	19.3	1,944	80.7
SOCIAL SCIENCES.....................	31,211	9,902	31.7	21,309	68.3	10,588	2,808	26.5	7,780	73.5
AGRICULTURAL ECONOMICS..............	1,097	375	34.2	722	65.8	146	20	13.7	126	86.3
ANTHROPOLOGY........................	3,857	1,086	28.2	2,771	71.8	633	138	21.8	495	78.2
ECONOMICS (EXCEPT AGRICULTURAL).....	6,541	2,138	32.7	4,403	67.3	1,975	497	25.2	1,478	74.8
GEOGRAPHY...........................	1,741	565	32.5	1,176	67.5	387	75	19.4	312	80.6
HISTORY AND PHILOSOPHY OF SCIENCE...	1,912	531	27.8	1,381	72.2	501	112	22.4	389	77.6
LINGUISTICS.........................	1,881	637	33.9	1,244	66.1	663	262	39.5	401	60.5
POLITICAL SCIENCE...................	6,690	2,259	33.8	4,431	66.2	4,073	1,253	30.8	2,820	69.2
SOCIOLOGY...........................	6,944	2,089	30.1	4,855	69.9	2,019	412	20.4	1,607	79.6
SOCIOLOGY AND ANTHROPOLOGY..........	548	222	40.5	326	59.5	191	39	20.4	152	79.6

TABLE C-3A. GRADUATE STUDENTS IN DOCTORATE DEPARTMENTS, BY FIELD OF SCIENCE, CONTROL OF INSTITUTION, AND LEVEL OF STUDY, 1972

	PUBLIC					PRIVATE				
		FIRST YEAR		BEYOND FIRST YEAR			FIRST YEAR		BEYOND FIRST YEAR	
AREA AND FIELD OF SCIENCE	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL
TOTAL, ALL FIELDS OF SCIENCE	131,341	41,930	31.9	89,411	68.1	59,370	18,262	30.8	41,108	69.2
ENGINEERING	28,962	11,867	41.0	17,0[illegible]5	59.0	17,681	6,541	37.0	11,140	63.0
AERONAUTICAL	1,083	358	33.1	725	6[illegible].9	602	177	29.4	425	70.6
AGRICULTURAL	463	148	32.0	315	68.0	19	5	26.3	14	73.7
CHEMICAL	2,759	836	30.3	1,923	69.7	1,375	443	32.2	932	67.8
CIVIL	5,324	2,581	48.5	2,743	51.5	2,081	929	44.6	1,152	55.4
ELECTRICAL	7,175	3,251	45.3	3,924	54.7	5,555	2,162	38.9	3,393	61.1
ENGINEERING SCIENCE	937	250	26.7	687	73.3	603	172	28.5	431	71.5
INDUSTRIAL	2,515	1,070	42.5	1,445	57.5	2,370	851	35.9	1,519	64.1
MECHANICAL	4,300	1,752	40.7	2,548	59.3	2,048	898	43.8	1,150	56.2
METALLURGICAL AND MATERIALS	1,121	281	25.1	840	74.9	880	216	24.5	664	75.5
MINING	262	8[illegible]	30.9	1[illegible]1	69.1	29	8	27.6	21	72.4
NUCLEAR	831	287	34.5	54[illegible]	65.5	271	106	39.1	165	60.9
PETROLEUM	184	71	38.6	113	61.4	65	23	35.4	42	64.6
OTHER ENGINEERING	2,0[illegible]8	901	44.9	1,107	55.1	1,783	551	30.9	1,232	69.1
PHYSICAL SCIENCES	2[illegible],644	5,560	25.7	16,084	74.3	9,528	2,184	22.9	7,344	77.1
ASTRONOMY	427	82	19.2	345	80.8	128	29	22.7	99	77.3
ATMOSPHERIC SCIENCES	747	245	32.8	502	67.2	202	58	28.7	144	71.3
CHEMISTRY	9,368	2,296	24.5	7,072	75.5	4,119	984	23.9	3,135	76.1
GEOSCIENCES	3,477	1,141	32.8	2,336	67.2	1,211	321	26.5	890	73.5
OCEANOGRAPHY	1,071	301	28.1	770	71.9	227	67	29.5	160	70.5
PHYSICS	6,554	1,495	22.8	5,059	77.2	3,641	725	19.9	2,916	80.1
MATHEMATICAL SCIENCES	11,334	3,786	33.4	7,548	66.6	4,284	1,527	35.6	2,757	64.4
APPLIED MATHEMAT[illegible]	2,456	858	34.9	1,598	65.1	826	286	34.6	540	65.4
MATHEMATICS	7,539	2,498	33.1	5,041	66.9	3,211	1,161	36.2	2,050	63.8
STATISTICS	1,339	430	32.1	909	67.9	247	80	32.4	167	67.6
LIFE SCIENCES	30,588	9,139	29.9	21,449	70.1	8,201	2,454	29.9	5,747	70.1
AGRICULTURE	8,082	2,478	30.7	5,604	69.3	556	188	33.8	368	66.2
BIOCHEMISTRY	2,629	690	26.2	1,939	73.8	1,208	315	26.1	893	73.9
BIOLOGY	4,917	1,419	28.9	3,498	71.1	2,805	819	29.2	1,986	70.8
BOTANY	2,282	584	25.6	1,698	74.4	207	57	27.5	150	72.5
MICROBIOLOGY	2,068	601	29.1	1,467	70.9	601	195	32.4	406	67.6
PHARMACOLOGY	1,338	366	27.4	972	72.6	684	257	37.6	427	62.4
PHYSIOLOGY	1,397	450	32.2	947	67.8	510	143	28.0	367	72.0
ZOOLOGY	3,497	[illegible]	27.2	2,545	72.8	152	25	16.4	127	83.6
OTHER LIFE SCIENCES	4,378	1,599	36.5	2,779	63.5	1,478	455	30.8	1,023	69.2
PSYCHOLOGY	10,902	2,977	[illegible].3	7,925	72.7	5,788	1,447	25.0	4,341	75.0
SOCIAL SCIENCES	27,911	8,601	30.8	19,310	69.2	13,888	4,109	29.6	9,779	70.4
AGRICULTURAL ECONOMICS	1,168	362	31.0	806	69.0	75	33	44.0	42	56.0
ANTHROPOLOGY	3,203	878	27.4	2,325	72.6	1,287	346	26.9	941	73.1
ECONOMICS (EXCEPT AGRICULTURAL)	5,299	1,627	30.7	3,672	69.3	3,21[illegible]	1,008	31.3	2,209	68.7
GEOGRAPHY	1,779	539	30.3	1,240	69.7	349	101	28.9	248	71.1
HISTORY AND PHILOSOPHY OF SCIENCE	1,462	385	26.3	1,077	73.7	951	258	27.1	693	72.9
LINGUISTICS	2,033	753	37.0	1,280	63.0	511	146	28.6	365	71.4
POLITICAL SCIENCE	7,113	2,357	33.1	4,756	66.9	3,650	1,[illegible]55	31.6	2,495	68.4
SOCIOLOGY	5,416	1,518	28.0	3,898	72.0	3,547	983	27.7	2,564	72.3
SOCIOLOGY AND ANTHROPOLOGY	438	182	41.6	256	58.4	301	79	26.2	222	73.8

TABLE C-38. FULL-TIME GRADUATE STUDENTS IN DOCTORATE DEPARTMENTS, BY FIELD OF SCIENCE, CONTROL OF INSTITUTION, AND LEVEL OF STUDY, 1972

AREA AND FIELD OF SCIENCE	PUBLIC					PRIVATE				
		FIRST YEAR		BEYOND FIRST YEAR			FIRST YEAR		BEYOND FIRST YEAR	
	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL
TOTAL, ALL FIELDS OF SCIENCE........	107,457	33,921	31.6	73,536	68.4	42,480	13,086	30.8	29,394	69.2
ENGINEERING.......................	20,693	8,324	40.2	12,369	59.8	10,215	3,9[illegible]4	38.3	6,301	61.7
AERONAUTICAL......................	854	297	34.[illegible]	557	65.2	473	139	29.4	334	70.6
AGRICULTURAL......................	377	126	33.[illegible]	251	66.6	19	5	26.3	14	73.7
CHEMICAL..........................	1,961	602	30.7	1,359	69.3	1,020	348	34.1	672	65.9
CIVIL.............................	3,687	1,818	49.3	1,869	50.7	1,259	600	47.7	659	52.3
ELECTRICAL........................	4,570	1,858	40.7	2,712	59.3	2,816	1,109	39.4	1,707	60.6
ENGINEERING SCIENCE...............	723	209	28.9	514	71.1	511	138	27.0	373	73.0
INDUSTRIAL........................	1,970	882	44.8	1,088	55.2	1,083	454	41.9	629	58.1
MECHANICAL........................	2,865	1,171	40.9	1,694	59.1	1,220	524	43.0	696	57.0
METALLURGICAL AND MATERIALS.......	904	233	25.8	671	74.2	684	183	26.8	501	73.2
MINING............................	229	67	29.3	162	70.7	29	8	27.6	21	72.4
NUCLEAR...........................	739	263	35.6	476	64.4	185	73	39.5	112	60.5
PETROLEUM.........................	144	53	36.8	91	63.2	60	21	35.0	39	65.0
OTHER ENGINEERING.................	1,670	745	44.6	925	55.4	856	312	36.4	544	63.6
PHYSICAL SCIENCES.................	19,512	5,121	26.2	14,391	73.8	8,032	1,831	22.8	6,201	77.2
ASTRONOMY.........................	395	80	2[illegible].3	315	79.7	124	27	21.8	97	78.2
ATMOSPHERIC SCIENCES..............	691	239	3[illegible].6	452	65.4	130	43	33.1	87	66.9
CHEMISTRY.........................	8,381	2,067	24.7	6,314	75.3	3,408	789	23.2	2,619	76.8
GEOSCIENCES.......................	3,036	1,050	34.6	1,986	65.4	1,115	301	27.0	814	73.0
OCEANOGRAPHY......................	973	291	29.9	682	70.1	200	59	29.5	141	70.5
PHYSICS...........................	6,036	1,394	23.1	4,642	76.9	3,055	612	20.0	2,443	80.0
MATHEMATICAL SCIENCES.............	9,091	2,919	32.1	6,172	67.9	2,818	873	31.0	1,945	69.0
APPLIED MATHEMATICS...............	1,844	611	33.1	1,233	66.9	598	184	30.8	414	69.2
MATHEMATICS.......................	6,213	2,001	32.2	4,212	67.8	2,001	616	30.8	1,385	69.2
STATISTICS........................	1,034	307	29.7	727	70.3	219	73	33.3	146	66.7
LIFE SCIENCES.....................	26,738	7,989	29.9	18,749	70.1	7,345	2,174	29.6	5,171	70.4
AGRICULTURE.......................	6,924	2,214	32.0	4,710	68.0	536	182	34.0	354	66.0
BIOCHEMISTRY......................	2,439	643	26.4	1,796	73.6	1,157	304	26.3	853	73.7
BIOLOGY...........................	4,335	1,251	28.9	3,084	71.1	2,566	758	29.5	1,808	70.5
BOTANY............................	2,112	548	25.9	1,564	74.1	189	57	30.2	132	69.8
MICROBIOLOGY......................	1,916	560	29.2	1,356	70.8	523	157	30.0	366	70.0
PHARMACOLOGY......................	1,237	332	26.8	905	73.2	524	165	31.5	359	68.5
PHYSIOLOGY........................	1,256	411	32.7	845	67.3	454	129	28.4	325	71.6
ZOOLOGY...........................	3,129	880	28.1	2,249	71.9	150	24	16.0	126	84.0
OTHER LIFE SCIENCES...............	3,390	1,150	33.9	2,240	66.1	1,246	398	31.9	848	68.1
PSYCHOLOGY........................	10,135	2,843	28.1	7,292	71.9	4,147	1,117	26.9	3,030	73.1
SOCIAL SCIENCES...................	21,288	6,725	31.6	14,563	68.4	9,923	3,177	32.0	6,746	68.0
AGRICULTURAL ECONOMICS............	1,022	342	33.5	680	66.5	75	33	44.0	42	56.0
ANTHROPOLOGY......................	2,841	799	28.1	2,042	71.9	1,016	287	28.2	729	71.8
ECONOMICS (EXCEPT AGRICULTURAL)...	4,330	1,398	32.3	2,932	67.7	2,211	740	33.5	1,471	66.5
GEOGRAPHY.........................	1,473	482	32.7	991	67.3	268	83	31.0	185	69.0
HISTORY AND PHILOSOPHY OF SCIENCE.	1,215	336	27.7	879	72.3	697	195	28.0	502	72.[illegible]
LINGUISTICS.......................	1,465	511	34.9	954	65.1	416	126	30.3	290	69.7
POLITICAL SCIENCE.................	4,156	1,367	32.9	2,789	67.1	2,534	892	35.2	1,642	64.8
SOCIOLOGY.........................	4,431	1,334	30.1	3,097	69.9	2,513	755	30.0	1,758	70.0
SOCIOLOGY AND ANTHROPOLOGY........	355	156	43.9	199	56.1	193	66	34.2	127	65.8

TABLE C-3C. PART-TIME GRADUATE STUDENTS IN DOCTORATE DEPARTMENTS, BY FIELD OF SCIENCE, CONTROL OF INSTITUTION, AND LEVEL OF STUDY, 1972

AREA AND FIELD OF SCIENCE	PUBLIC					PRIVATE				
		FIRST YEAR		BEYOND FIRST YEAR			FIRST YEAR		BEYOND FIRST YEAR	
	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL
TOTAL, ALL FIELDS OF SCIENCE........	23,884	8,009	33.5	15,875	66.5	16,890	5,176	30.6	11,714	69.4
ENGINEERING..........................	8,269	3,543	42.8	4,726	57.2	7,466	2,627	35.2	4,839	64.8
AERONAUTICAL..........................	229	61	26.6	168	73.4	129	38	29.5	91	70.5
AGRICULTURAL..........................	86	22	25.6	64	74.4			.0		.0
CHEMICAL..............................	798	234	29.3	564	70.7	355	95	26.8	260	73.2
CIVIL.................................	1,637	763	46.6	874	53.4	822	329	40.0	493	60.0
ELECTRICAL............................	2,605	1,393	53.5	1,212	46.5	2,739	1,053	38.4	1,686	61.6
ENGINEERING SCIENCE...................	214	41	19.2	173	80.3	92	34	37.0	58	63.0
INDUSTRIAL............................	545	188	34.5	357	65.5	1,287	397	30.8	890	69.2
MECHANICAL............................	1,435	581	40.5	854	59.5	828	374	45.2	454	54.8
METALLURGICAL AND MATERIALS...........	217	48	22.1	169	77.9	196	33	16.8	163	83.2
MINING................................	33	14	42.4	19	57.6			.0		.0
NUCLEAR...............................	92	24	26.1	68	73.9	86	33	38.4	53	61.6
PETROLEUM.............................	40	18	45.0	22	55.0	5	2	40.0	3	60.0
OTHER ENGINEERING.....................	338	156	46.2	182	53.8	927	239	25.8	688	74.2
PHYSICAL SCIENCES....................	2,132	439	20.6	1,693	79.4	1,496	353	23.6	1,143	76.4
ASTRONOMY.............................	32	2	6.3	30	93.8	4	2	50.0	2	50.0
ATMOSPHERIC SCIENCES..................	56	6	10.7	50	89.3	72	15	20.8	57	79.2
CHEMISTRY.............................	987	229	23.2	758	76.8	711	195	27.4	516	72.6
GEOSCIENCES...........................	441	91	20.6	350	79.4	96	20	20.8	76	79.2
OCEANOGRAPHY..........................	98	10	10.2	88	89.8	27	8	29.6	19	70.4
PHYSICS...............................	518	101	19.5	417	80.5	586	113	19.3	473	80.7
MATHEMATICAL SCIENCES................	2,243	867	38.7	1,376	61.3	1,466	654	44.6	812	55.4
APPLIED MATHEMATICS...................	612	247	40.4	365	59.6	228	102	44.7	126	55.3
MATHEMATICS...........................	1,326	497	37.5	829	62.5	1,210	545	45.0	665	55.0
STATISTICS............................	305	123	40.3	182	59.7	28	7	25.0	21	75.0
LIFE SCIENCES........................	3,850	1,150	29.9	2,700	70.1	856	280	32.7	576	67.3
AGRICULTURE...........................	1,158	264	22.8	894	77.2	20	6	30.0	14	70.0
BIOCHEMISTRY..........................	190	47	24.7	143	75.3	51	11	21.6	40	78.4
BIOLOGY...............................	582	168	28.9	414	71.1	239	61	25.5	178	74.5
BOTANY................................	170	36	21.2	134	78.8	18		.0	18	100.0
MICROBIOLOGY..........................	152	41	27.0	111	73.0	78	38	48.7	40	51.3
PHARMACOLOGY..........................	101	34	33.7	67	66.3	160	92	57.5	68	42.5
PHYSIOLOGY............................	141	39	27.7	102	72.3	56	14	25.0	42	75.0
ZOOLOGY...............................	368	72	19.6	296	80.4	2	1	50.0	1	50.0
OTHER LIFE SCIENCES...................	988	449	45.4	539	54.6	232	57	24.6	175	75.4
PSYCHOLOGY...........................	767	134	17.5	633	82.5	1,641	330	20.1	1,311	79.9
SOCIAL SCIENCES......................	6,623	1,876	28.3	4,747	71.7	3,965	932	23.5	3,033	76.5
AGRICULTURAL ECONOMICS................	146	20	13.7	126	86.3			.0		.0
ANTHROPOLOGY..........................	362	79	21.8	283	78.2	271	59	21.8	212	78.2
ECONOMICS (EXCEPT AGRICULTURAL).......	969	229	23.6	740	76.4	1,006	268	26.6	738	73.4
GEOGRAPHY.............................	306	57	18.6	249	81.4	81	18	22.2	63	77.8
HISTORY AND PHILOSOPHY OF SCIENCE.	247	49	19.8	198	80.2	254	63	24.8	191	75.2
LINGUISTICS...........................	568	242	42.6	326	57.4	95	20	21.1	75	78.9
POLITICAL SCIENCE.....................	2,957	990	33.5	1,967	66.5	1,116	263	23.6	853	76.4
SOCIOLOGY.............................	985	184	18.7	801	81.3	1,034	228	22.1	806	77.9
SOCIOLOGY AND ANTHROPOLOGY........	83	26	31.3	57	68.7	108	13	12.0	95	88.0

TABLE C-4A. GRADUATE STUDENTS IN DOCTORATE DEPARTMENTS, BY FIELD OF SCIENCE AND LEVEL OF STUDY, 1971 AND 1972*

AREA AND FIELD OF SCIENCE	FALL 1971					FALL 1972				
		FIRST YEAR		BEYOND FIRST YEAR			FIRST YEAR		BEYOND FIRST YEAR	
	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL
TOTAL, ALL FIELDS OF SCIENCE.......	195,185	62,744	32.1	132,441	67.9	190,711	60,192	31.6	130,519	68.4
ENGINEERING........................	49,317	19,626	39.8	29,691	60.2	46,643	18,408	39.5	28,235	60.5
AERONAUTICAL.......................	1,856	646	34.8	1,210	65.2	1,685	535	31.8	1,150	68.2
AGRICULTURAL.......................	555	207	37.3	348	62.7	482	153	31.7	329	68.3
CHEMICAL...........................	4,495	1,427	31.7	3,068	68.3	4,134	1,279	30.9	2,855	69.1
CIVIL..............................	7,342	3,719	50.7	3,623	49.3	7,405	3,510	47.4	3,895	52.6
ELECTRICAL.........................	13,615	5,503	40.4	8,112	59.6	12,730	5,413	42.5	7,317	57.5
ENGINEERING SCIENCE................	1,616	386	23.9	1,230	76.1	1,540	422	27.4	1,118	72.6
INDUSTRIAL.........................	5,303	2,283	43.1	3,020	56.9	4,885	1,921	39.3	2,964	60.7
MECHANICAL.........................	6,816	2,968	43.5	3,848	56.5	6,348	2,650	41.7	3,698	58.3
METALLURGICAL AND MATERIALS........	2,120	562	26.5	1,558	73.5	2,001	497	24.8	1,504	75.2
MINING.............................	299	101	33.8	198	66.2	291	89	30.6	202	69.4
NUCLEAR............................	1,131	399	35.3	732	64.7	1,102	393	35.7	709	64.3
PETROLEUM..........................	257	89	34.6	168	65.4	249	94	37.8	155	62.2
OTHER ENGINEERING..................	3,912	1,336	34.2	2,576	65.8	3,791	1,452	38.3	2,339	61.7
PHYSICAL SCIENCES..................	32,701	8,277	25.3	24,424	74.7	31,172	7,744	24.8	23,428	75.2
ASTRONOMY..........................	573	120	20.9	453	79.1	555	111	20.0	444	80.0
ATMOSPHERIC SCIENCES...............	978	316	32.3	662	67.7	949	303	31.9	646	68.1
CHEMISTRY..........................	14,358	3,592	25.0	10,766	75.0	13,487	3,280	24.3	10,207	75.7
GEOSCIENCES........................	4,452	1,442	32.4	3,010	67.6	4,688	1,462	31.2	3,226	68.8
OCEANOGRAPHY.......................	1,207	384	31.8	823	68.2	1,298	368	28.4	930	71.6
PHYSICS............................	11,133	2,423	21.8	8,710	78.2	10,195	2,220	21.8	7,975	78.2
MATHEMATICAL SCIENCES..............	16,306	5,704	35.0	10,602	65.0	15,618	5,313	34.0	10,305	66.0
APPLIED MATHEMATICS................	3,275	1,191	36.4	2,084	63.6	3,282	1,144	34.9	2,138	65.1
MATHEMATICS........................	11,381	4,001	35.2	7,380	64.8	10,750	3,659	34.0	7,091	66.0
STATISTICS.........................	1,650	512	31.0	1,138	69.0	1,586	510	32.2	1,076	67.8
LIFE SCIENCES......................	38,339	11,034	28.8	27,305	71.2	38,789	11,593	29.9	27,196	70.1
AGRICULTURE........................	8,560	2,651	31.0	5,909	69.0	8,638	2,666	30.9	5,972	69.1
BIOCHEMISTRY.......................	3,847	901	23.4	2,946	76.6	3,837	1,005	26.2	2,832	73.8
BIOLOGY............................	7,874	2,192	27.8	5,682	72.2	7,722	2,238	29.0	5,484	71.0
BOTANY.............................	2,518	561	22.3	1,957	77.7	2,489	641	25.8	1,848	74.2
MICROBIOLOGY.......................	2,635	757	28.7	1,878	71.3	2,669	796	29.8	1,873	70.2
PHARMACOLOGY.......................	1,944	557	28.7	1,387	71.3	2,022	623	30.8	1,399	69.2
PHYSIOLOGY.........................	1,919	522	27.2	1,397	72.8	1,907	593	31.1	1,314	68.9
ZOOLOGY............................	3,946	1,215	30.8	2,731	69.2	3,649	977	26.8	2,672	73.2
OTHER LIFE SCIENCES................	5,096	1,678	32.9	3,418	67.1	5,856	2,054	35.1	3,802	64.9
PSYCHOLOGY.........................	16,965	4,730	27.9	12,235	72.1	16,690	4,424	26.5	12,266	73.5
SOCIAL SCIENCES....................	41,557	13,373	32.2	28,184	67.8	41,799	12,710	30.4	29,089	69.6
AGRICULTURAL ECONOMICS.............	1,223	431	35.2	792	64.8	1,243	395	31.8	848	68.2
ANTHROPOLOGY.......................	4,277	1,239	29.0	3,038	71.0	4,490	1,224	27.3	3,266	72.7
ECONOMICS (EXCEPT AGRICULTURAL)..	8,561	2,756	32.2	5,805	67.8	8,516	2,635	30.9	5,881	69.1
GEOGRAPHY..........................	2,146	608	28.3	1,538	71.7	2,128	640	30.1	1,488	69.9
HISTORY AND PHILOSOPHY OF SCIENCE	2,477	716	28.9	1,761	71.1	2,413	643	26.6	1,770	73.4
LINGUISTICS........................	2,503	901	36.0	1,602	64.0	2,544	899	35.3	1,645	64.7
POLITICAL SCIENCE..................	10,748	3,664	34.1	7,084	65.9	10,763	3,512	32.6	7,251	67.4
SOCIOLOGY..........................	8,804	2,727	31.0	6,077	69.0	8,963	2,501	27.9	6,462	72.1
SOCIOLOGY AND ANTHROPOLOGY.........	818	331	40.5	487	59.5	739	261	35.3	478	64.7

* AS REPORTED IN 1972.

TABLE C-4B. FULL-TIME GRADUATE STUDENTS IN DOCTORATE DEPARTMENTS, BY FIELD OF SCIENCE AND LEVEL OF STUDY, 1971 AND 1972*

AREA AND FIELD OF SCIENCE	FALL 1971					FALL 1972				
		FIRST YEAR		BEYOND FIRST YEAR			FIRST YEAR		BEYOND FIRST YEAR	
	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL
TOTAL, ALL FIELDS OF SCIENCE	153,453	48,728	[illegible]	104,725	68.2	149,937	47,007	31.4	102,930	68.6
ENGINEERING	32,397	12,709	39.2	19,688	60.8	30,908	12,238	39.6	18,670	60.4
AERONAUTICAL	1,468	529	36.0	939	64.0	1,327	436	32.9	891	67.1
AGRICULTURAL	463	186	40.2	277	[illegible]	396	131	33.1	265	66.9
CHEMICAL	3,267	1,036	31.7	2,231	68.3	2,981	950	31.9	2,031	68.1
CIVIL	5,092	2,610	51.3	2,482	[illegible]	4,946	2,418	48.9	2,528	51.1
ELECTRICAL	7,787	3,089	39.7	4,698	60.3	7,386	2,967	40.2	4,419	59.8
ENGINEERING SCIENCE	1,308	310	23.7	998	76.3	1,234	347	28.1	887	71.9
INDUSTRIAL	3,212	1,394	43.4	1,818	56.6	3,053	1,336	43.8	1,717	56.2
MECHANICAL	4,223	1,742	41.3	2,481	58.7	4,085	1,695	41.5	2,390	58.5
METALLURGICAL AND MATERIALS	1,709	455	26.6	1,254	73.4	1,588	416	[illegible]	1,172	73.8
MINING	263	86	32.7	177	67.3	258	75	29.1	183	70.9
NUCLEAR	934	342	36.6	592	63.4	924	336	36.4	588	63.6
PETROLEUM	221	73	33.0	148	67.0	204	74	36.3	130	63.7
OTHER ENGINEERING	2,450	857	35.0	1,593	65.0	2,526	1,057	41.8	1,469	58.2
PHYSICAL SCIENCES	29,064	7,401	25.5	21,663	74.5	27,544	6,952	25.2	20,592	74.8
ASTRONOMY	552	116	21.0	436	79.0	519	107	20.6	412	79.4
ATMOSPHERIC SCIENCES	856	287	33.5	569	66.5	821	282	34.3	539	65.7
CHEMISTRY	12,657	3,134	24.8	9,523	75.2	11,789	2,856	24.2	8,933	75.8
GEOSCIENCES	3,962	1,320	33.3	2,642	66.7	4,151	1,351	32.5	2,800	67.5
OCEANOGRAPHY	1,106	347	31.4	[illegible]	[illegible]	1,173	350	29.8	823	70.2
PHYSICS	9,931	2,197	22.1	7,734	77.9	9,091	2,006	22.1	7,085	77.9
MATHEMATICAL SCIENCES	12,493	4,152	33.2	8,341	[illegible]	11,909	3,792	31.8	8,117	68.2
APPLIED MATHEMATICS	2,423	853	35.2	1,570	64.8	2,442	795	32.6	1,647	67.4
MATHEMATICS	8,728	2,911	33.4	5,817	66.6	8,214	2,617	31.9	5,597	68.1
STATISTICS	1,342	388	28.9	954	71.1	1,253	380	30.3	873	69.7
LIFE SCIENCES	33,945	9,881	29.1	24,064	70.9	34,083	10,163	29.8	23,920	70.2
AGRICULTURE	7,523	2,444	32.5	5,079	67.5	7,460	2,396	32.1	5,064	67.9
BIOCHEMISTRY	3,638	855	23.5	2,783	76.5	3,596	947	26.3	2,649	73.7
BIOLOGY	7,009	1,971	28.1	5,038	71.9	6,901	2,009	29.1	4,892	70.9
BOTANY	2,334	544	23.3	1,790	76.7	2,301	605	26.3	1,696	73.7
MICROBIOLOGY	2,395	694	29.0	1,701	71.0	2,439	717	29.4	1,722	70.6
PHARMACOLOGY	1,727	473	27.4	1,254	72.6	1,761	497	28.2	1,264	71.8
PHYSIOLOGY	1,739	473	27.2	1,266	72.8	1,710	540	31.6	1,170	68.4
ZOOLOGY	3,521	1,104	31.4	2,417	68.6	3,279	904	27.6	2,375	72.4
OTHER LIFE SCIENCES	4,059	1,323	32.6	2,736	67.4	4,636	1,548	33.4	3,088	66.6
PSYCHOLOGY	14,084	3,960	28.1	10,124	71.9	14,282	3,960	27.7	10,322	72.3
SOCIAL SCIENCES	31,470	10,625	33.8	20,845	66.2	31,211	9,902	31.7	21,309	68.3
AGRICULTURAL ECONOMICS	1,077	403	37.4	[illegible]	[illegible]	1,097	375	34.2	722	65.8
ANTHROPOLOGY	3,740	1,083	29.0	[illegible]	71.0	3,857	1,086	28.2	2,771	71.8
ECONOMICS (EXCEPT AGRICULTURAL)	6,641	2,266	34.1	4,375	65.9	6,541	2,138	32.7	4,403	67.3
GEOGRAPHY	1,797	540	30.1	1,257	69.9	1,741	565	32.5	1,176	67.5
HISTORY AND PHILOSOPHY OF SCIENCE	2,028	587	28.9	1,441	71.1	1,912	531	27.8	1,381	72.2
LINGUISTICS	1,921	687	35.8	1,234	64.2	1,881	637	33.9	1,244	66.1
POLITICAL SCIENCE	6,848	2,454	35.8	4,394	64.2	6,690	2,259	33.8	4,431	66.2
SOCIOLOGY	6,769	2,316	34.2	4,453	65.8	6,944	2,089	30.1	4,855	69.9
SOCIOLOGY AND ANTHROPOLOGY	649	289	44.5	360	55.5	548	222	40.5	326	59.5

* AS REPORTED IN 1972.

TABLE C-4C. PART-TIME GRADUATE STUDENTS IN DOCTORATE DEPARTMENTS, BY FIELD OF SCIENCE AND LEVEL OF STUDY, 1971 AND 1972*

	FALL 1971					FALL 1972				
		FIRST YEAR		BEYOND FIRST YEAR			FIRST YEAR		BEYOND FIRST YEAR	
AREA AND FIELD OF SCIENCE	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL
TOTAL, ALL FIELDS OF SCIENCE	41,732	14,016	33.6	27,716	66.4	40,774	13,185	32.3	27,589	67.7
ENGINEERING	16,920	6,917	40.9	10,003	59.1	15,735	6,170	39.2	9,565	60.8
AERONAUTICAL	388	117	30.2	271	69.8	358	99	27.7	259	72.3
AGRICULTURAL	92	21	22.8	71	77.2	86	22	25.6	64	74.4
CHEMICAL	1,228	391	31.8	837	68.2	1,153	329	28.5	824	71.5
CIVIL	2,250	1,109	49.3	1,141	50.7	2,459	1,092	44.4	1,367	55.6
ELECTRICAL	5,828	2,414	41.4	3,414	58.6	5,344	2,446	45.8	2,898	54.2
ENGINEERING SCIENCE	308	76	24.7	232	75.3	306	75	24.5	231	75.5
INDUSTRIAL	2,091	889	42.5	1,202	57.5	1,832	585	31.9	1,247	68.1
MECHANICAL	2,593	1,226	47.3	1,367	52.7	2,263	955	42.2	1,308	57.8
METALLURGICAL AND MATERIALS	411	107	26.0	304	74.0	413	81	19.6	332	80.4
MINING	36	15	41.7	21	58.3	33	14	42.4	19	57.6
NUCLEAR	197	57	28.9	140	71.1	178	57	32.0	121	68.0
PETROLEUM	36	16	44.4	20	55.6	45	20	44.4	25	55.6
OTHER ENGINEERING	1,462	479	32.8	983	67.2	1,265	395	31.2	870	68.8
PHYSICAL SCIENCES	3,637	876	24.1	2,761	75.9	3,628	792	21.8	2,836	78.2
ASTRONOMY	21	4	19.0	17	81.0	36	4	11.1	32	88.9
ATMOSPHERIC SCIENCES	122	29	23.8	93	76.2	128	21	16.4	107	83.6
CHEMISTRY	1,701	458	26.9	1,243	73.1	1,698	424	25.0	1,274	75.0
GEOSCIENCES	490	122	24.9	368	75.1	537	111	20.7	426	79.3
OCEANOGRAPHY	101	37	36.6	64	63.4	125	18	14.4	107	85.6
PHYSICS	1,202	226	18.8	976	81.2	1,104	214	19.4	890	80.6
MATHEMATICAL SCIENCES	3,813	1,552	40.7	2,261	59.3	3,709	1,521	41.0	2,188	59.0
APPLIED MATHEMATICS	852	338	39.7	514	60.3	840	349	41.5	491	58.5
MATHEMATICS	2,653	1,090	41.1	1,563	58.9	2,536	1,042	41.1	1,494	58.9
STATISTICS	308	124	40.3	184	59.7	333	130	39.0	203	61.0
LIFE SCIENCES	4,394	1,153	26.2	3,241	73.8	4,706	1,430	30.4	3,276	69.6
AGRICULTURE	1,037	207	20.0	830	80.0	1,178	270	22.9	908	77.1
BIOCHEMISTRY	209	46	22.0	163	78.0	241	58	24.1	183	75.9
BIOLOGY	865	221	25.5	644	74.5	821	229	27.9	592	72.1
BOTANY	184	17	9.2	167	90.8	188	36	19.1	152	80.9
MICROBIOLOGY	240	63	26.3	177	73.8	230	79	34.3	151	65.7
PHARMACOLOGY	217	84	38.7	133	61.3	261	126	48.3	135	51.7
PHYSIOLOGY	180	49	27.2	131	72.8	197	53	26.9	144	73.1
ZOOLOGY	425	111	26.1	314	73.9	370	73	19.7	297	80.3
OTHER LIFE SCIENCES	1,037	355	34.2	682	65.8	1,220	506	41.5	714	58.5
PSYCHOLOGY	2,881	770	26.7	2,111	73.3	2,408	464	19.3	1,944	80.7
SOCIAL SCIENCES	10,087	2,748	27.2	7,339	72.8	10,588	2,808	26.5	7,780	73.5
AGRICULTURAL ECONOMICS	146	28	19.2	118	80.8	146	20	13.7	[illegible]	86.3
ANTHROPOLOGY	537	156	29.1	381	70.9	633	138	21.8	495	78.2
ECONOMICS (EXCEPT AGRICULTURAL)	1,920	490	25.5	1,430	74.5	1,975	497	25.2	1,478	74.8
GEOGRAPHY	349	68	19.5	281	80.5	387	75	19.4	312	80.6
HISTORY AND PHILOSOPHY OF SCIENCE	449	129	28.7	320	71.3	501	112	22.4	389	77.6
LINGUISTICS	582	214	36.8	368	63.2	663	262	39.5	401	60.5
POLITICAL SCIENCE	3,900	1,210	31.0	2,690	69.0	4,073	1,253	30.8	2,820	69.2
SOCIOLOGY	2,035	411	20.2	1,624	79.8	2,019	412	20.4	1,607	79.6
SOCIOLOGY AND ANTHROPOLOGY	169	42	24.9	127	75.1	191	39	20.4	152	79.6

* AS REPORTED IN 1972.

TABLE C-5. GRADUATE STUDENTS IN DOCTORATE DEPARTMENTS, BY STATE, ENROLLMENT STATUS, AND SOURCE OF MAJOR SUPPORT, 1972

DIVISION AND STATE	TOTAL		FULL TIME						PART TIME	
			TOTAL		SUPPORTED BY U.S. GOVERNMENT SOURCES		SUPPORTED BY NON-U.S. GOVERNMENT SOURCES			
	NUMBER	PERCENT DISTRI-BUTION	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF FULL-TIME TOTAL	NUMBER	PERCENT OF FULL-TIME TOTAL	NUMBER	PERCENT OF TOTAL
UNITED STATES, TOTAL	190,711	100.0	149,937	78.6	45,029	30.0	104,908	70.0	40,774	21.4
NEW ENGLAND	14,419	7.6	12,876	89.3	4,380	34.0	8,496	66.0	1,543	10.7
MAINE	184	.1	181	98.4	42	23.2	139	76.8	3	1.6
NEW HAMPSHIRE	569	.3	486	85.4	156	32.1	330	67.9	83	14.6
VERMONT	360	.2	290	80.6	58	20.0	232	80.0	70	19.4
MASSACHUSETTS	9,338	4.9	8,464	90.6	2,991	35.3	5,473	64.7	874	9.4
RHODE ISLAND	1,399	.7	1,177	84.1	445	37.8	732	62.2	222	15.9
CONNECTICUT	2,569	1.3	2,278	88.7	688	30.2	1,590	69.8	291	11.3
MIDDLE ATLANTIC	40,990	21.5	25,903	63.2	7,281	28.1	18,622	71.9	15,087	36.8
NEW YORK	25,157	13.2	15,529	61.7	4,187	27.0	11,342	73.0	9,628	38.3
NEW JERSEY	5,569	2.9	2,888	51.9	862	29.8	2,026	70.2	2,681	48.1
PENNSYLVANIA	10,264	5.4	7,486	72.9	2,232	29.8	5,254	70.2	2,778	27.1
EAST NORTH CENTRAL	36,472	19.1	31,608	86.7	9,079	28.7	22,529	71.3	4,864	13.3
OHIO	8,262	4.3	6,448	78.0	1,721	26.7	4,727	73.3	1,814	22.0
INDIANA	5,492	2.9	4,927	89.7	1,320	26.8	3,607	73.2	565	10.3
ILLINOIS	9,559	5.0	8,434	88.2	2,711	32.1	5,723	67.9	1,125	11.8
MICHIGAN	8,183	4.3	7,192	87.9	1,647	22.9	5,545	77.1	991	12.1
WISCONSIN	4,976	2.6	4,607	92.6	1,680	36.5	2,927	63.5	369	7.4
WEST NORTH CENTRAL	14,084	7.4	11,489	81.6	3,435	29.9	8,054	70.1	2,595	18.4
MINNESOTA	3,093	1.6	2,709	87.6	727	26.8	1,982	73.2	384	12.4
IOWA	3,258	1.7	2,567	78.8	700	27.3	1,867	72.7	691	21.2
MISSOURI	3,777	2.0	3,020	80.0	925	30.6	2,095	69.4	757	20.0
NORTH DAKOTA	302	.2	265	87.7	75	28.3	190	71.7	37	12.3
SOUTH DAKOTA	358	.2	293	81.8	179	61.1	114	38.9	65	18.2
NEBRASKA	990	.5	706	71.3	157	22.2	549	77.8	284	28.7
KANSAS	2,[illegible]06	1.2	1,929	83.7	672	34.8	1,257	65.2	377	16.3
SOUTH ATLANTIC	23,542	12.3	17,672	75.1	5,378	30.4	12,294	69.6	5,870	24.9
DELAWARE	686	.4	411	59.9	106	25.8	305	74.2	275	40.1
MARYLAND	4,257	2.2	2,841	66.7	971	34.2	1,870	65.8	1,416	33.3
DISTRICT OF COLUMBIA	3,595	1.[illegible]	1,698	47.2	374	22.0	1,324	78.0	1,897	52.8
VIRGINIA	2,331	1.2	1,847	79.2	549	29.7	1,298	70.3	484	20.8
WEST VIRGINIA	957	.5	705	73.7	219	31.1	486	68.9	252	26.3
NORTH CAROLINA	3,481	1.8	3,116	89.5	1,215	39.0	1,901	61.0	365	10.5
SOUTH CAROLINA	1,296	.7	1,007	77.7	212	21.1	795	78.9	289	22.3
GEORGIA	3,062	1.6	2,651	86.6	608	22.9	2,043	77.1	411	13.4
FLORIDA	3,877	2.0	3,396	[illegible]	1,124	33.1	2,272	66.9	481	12.4
EAST SOUTH CENTRAL	5,578	2.9	4,620	82.8	1,305	28.2	3,315	71.8	958	17.2
KENTUCKY	1,167	.6	989	84.7	303	30.6	686	69.4	178	15.3
TENNESSEE	2,568	1.3	2,033	79.2	613	30.2	1,420	69.8	535	20.8
ALABAMA	1,087	.6	916	84.3	252	27.5	664	72.5	171	15.7
MISSISSIPPI	756	.4	682	90.2	137	20.1	545	79.9	74	9.8
WEST SOUTH CENTRAL	16,143	8.5	11,642	72.1	2,885	24.8	8,757	75.2	4,501	27.9
ARKANSAS	538	.3	476	88.5	109	22.9	367	77.1	62	11.5
LOUISIANA	2,051	1.1	1,688	82.3	380	22.5	1,308	77.5	363	17.7
OKLAHOMA	4,294	2.3	2,325	54.1	652	28.0	1,673	72.0	1,969	45.9
TEXAS	9,260	4.9	7,153	77.2	1,744	24.4	5,409	75.6	2,107	22.8
MOUNTAIN	11,761	6.2	9,819	83.5	2,870	29.2	6,949	70.8	1,942	16.5
MONTANA	475	.2	451	94.9	140	31.0	311	69.0	24	5.1
IDAHO	470	.2	391	83.2	111	28.4	280	71.6	79	16.8
WYOMING	441	.2	407	92.3	96	23.6	311	76.4	34	7.7
COLORADO	3,847	2.0	3,343	86.9	1,104	33.0	2,239	67.0	504	13.1
NEW MEXICO	1,203	.6	814	67.7	205	25.2	609	74.8	389	32.3
ARIZONA	2,952	1.5	2,329	78.9	565	24.3	1,764	75.7	623	21.1
UTAH	2,095	1.1	1,852	88.4	597	32.2	1,255	67.8	243	11.6
NEVADA	278	.1	232	83.5	52	22.4	180	77.6	46	16.5
PACIFIC	27,658	14.5	24,263	87.7	8,410	34.7	15,853	65.3	3,395	12.3
WASHINGTON	2,703	1.4	2,296	84.9	797	34.7	1,499	65.3	407	15.1
OREGON	2,315	1.2	2,058	88.9	697	33.9	1,361	66.1	257	11.1
CALIFORNIA	21,193	11.1	[illegible]	87.7	6,443	34.7	12,142	65.3	2,608	12.3
ALASKA	96	.1	93	96.9	48	51.6	45	48.4	3	3.1
HAWAII	1,351	.7	1,231	91.1	425	34.5	806	65.5	120	8.9
OUTLYING AREAS	64	.0	45	70.3	6	13.3	39	86.7	19	29.7

TABLE C-6. FULL-TIME GRADUATE STUDENTS IN DOCTORATE DEPARTMENTS, BY FIELD OF SCIENCE AND CITIZENSHIP, 1972

AREA AND FIELD OF SCIENCE	TOTAL		U.S. CITIZENS		FOREIGN STUDENTS	
	NUMBER	PERCENT DISTRI-BUTION	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL
TOTAL, ALL FIELDS OF SCIENCE	149,937	100.0	121,026	80.7	28,911	19.3
ENGINEERING	30,908	20.6	20,167	65.2	10,741	34.8
AERONAUTICAL	1,327	.9	966	72.8	361	27.2
AGRICULTURAL	396	.3	234	59.1	162	40.9
CHEMICAL	2,981	2.0	1,703	57.1	1,278	42.9
CIVIL	4,946	3.3	3,249	65.7	1,697	34.3
ELECTRICAL	7,386	4.9	4,892	66.2	2,494	33.8
ENGINEERING SCIENCE	1,234	.8	749	60.7	485	39.3
INDUSTRIAL	3,053	2.0	2,132	69.8	921	30.2
MECHANICAL	4,085	2.7	2,650	64.9	1,435	35.1
METALLURGICAL AND MATERIALS	1,588	1.1	971	61.1	617	38.9
MINING	258	.2	131	50.8	127	49.2
NUCLEAR	924	.6	687	74.4	237	25.6
PETROLEUM	204	.1	79	38.7	125	61.3
OTHER ENGINEERING	2,526	1.7	1,724	68.3	802	31.7
PHYSICAL SCIENCES	27,544	18.4	22,073	80.1	5,471	19.9
ASTRONOMY	519	.3	475	91.5	44	8.5
ATMOSPHERIC SCIENCES	821	.5	683	83.2	138	16.8
CHEMISTRY	11,789	7.9	9,421	79.9	2,368	20.1
GEOSCIENCES	4,151	2.8	3,616	87.1	535	12.9
OCEANOGRAPHY	1,173	.8	1,046	89.2	127	10.8
PHYSICS	9,091	6.1	6,832	75.2	2,259	24.8
MATHEMATICAL SCIENCES	11,909	7.9	9,638	80.9	2,271	19.1
APPLIED MATHEMATICS	2,442	1.6	1,923	78.7	519	21.3
MATHEMATICS	8,214	5.5	6,840	83.3	1,374	16.7
STATISTICS	1,253	.8	875	69.8	378	30.2
LIFE SCIENCES	34,083	22.7	28,871	84.7	5,212	15.3
AGRICULTURE	7,460	5.0	5,399	72.4	2,061	27.6
BIOCHEMISTRY	3,596	2.4	3,020	84.0	576	16.0
BIOLOGY	6,901	4.6	6,350	92.0	551	8.0
BOTANY	2,301	1.5	1,912	83.1	389	16.9
MICROBIOLOGY	2,439	1.6	2,133	87.5	306	12.5
PHARMACOLOGY	1,761	1.2	1,352	76.8	409	23.2
PHYSIOLOGY	1,710	1.1	1,538	89.9	172	10.1
ZOOLOGY	3,279	2.2	3,093	94.3	186	5.7
OTHER LIFE SCIENCES	4,636	3.1	4,074	87.9	562	12.1
PSYCHOLOGY	14,282	9.5	13,800	96.6	482	3.4
SOCIAL SCIENCES	31,211	20.8	26,477	84.8	4,734	15.2
AGRICULTURAL ECONOMICS	1,097	.7	704	64.2	393	35.8
ANTHROPOLOGY	3,857	2.6	3,601	93.4	256	6.6
ECONOMICS (EXCEPT AGRICULTURAL)	6,541	4.4	4,751	72.6	1,790	27.4
GEOGRAPHY	1,741	1.2	1,492	85.7	249	14.3
HISTORY AND PHILOSOPHY OF SCIENCE	1,912	1.3	1,801	94.2	111	5.8
LINGUISTICS	1,881	1.3	1,547	82.2	334	17.8
POLITICAL SCIENCE	6,690	4.5	5,898	88.2	792	11.8
SOCIOLOGY	6,944	4.6	6,193	89.2	751	10.8
SOCIOLOGY AND ANTHROPOLOGY	548	.4	490	89.4	58	10.6

TABLE C-7. FULL-TIME GRADUATE STUDENTS IN DOCTORATE DEPARTMENTS, BY FIELD OF SCIENCE, CITIZENSHIP, AND LEVEL OF STUDY, 1972

AREA AND FIELD OF SCIENCE	U.S. CITIZENS					FOREIGN STUDENTS				
		FIRST YEAR		BEYOND FIRST YEAR			FIRST YEAR		BEYOND FIRST YEAR	
	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL
TOTAL, ALL FIELDS OF SCIENCE	121,026	38,478	31.8	82,[illegible]48	68.2	28,911	8,529	29.5	20,382	70.5
ENGINEERING	20,167	8,648	42.9	11,519	57.1	10,741	3,590	33.4	7,151	66.6
AERONAUTICAL	966	344	35.6	622	64.4	361	92	25.5	269	74.5
AGRICULTURAL	234	84	35.9	150	64.1	162	47	29.0	115	71.0
CHEMICAL	1,703	608	35.7	1,095	64.3	1,278	342	26.8	936	73.2
CIVIL	3,249	1,784	54.9	1,465	45.1	1,697	634	37.4	1,063	62.6
ELECTRICAL	4,892	2,089	42.7	2,803	57.3	2,494	878	35.2	1,616	64.8
ENGINEERING SCIENCE	749	241	32.2	508	67.8	485	106	21.9	379	78.1
INDUSTRIAL	2,132	971	45.5	1,161	54.5	921	365	39.6	556	60.4
MECHANICAL	2,650	1,153	43.5	1,497	56.5	1,435	542	37.8	893	62.2
METALLURGICAL AND MATERIALS	971	282	29.0	689	71.0	617	134	21.7	483	78.3
MINING	131	54	41.2	77	58.8	127	21	16.5	106	83.5
NUCLEAR	687	277	40.3	410	59.7	237	59	24.9	178	75.1
PETROLEUM	79	29	36.7	50	63.3	125	45	36.0	80	64.0
OTHER ENGINEERING	1,724	732	42.5	992	57.5	802	325	40.5	477	59.5
PHYSICAL SCIENCES	22,073	5,[illegible]82	25.7	16,391	[illegible]4.3	5,471	1,270	23.2	4,201	76.8
ASTRONOMY	475	99	20.8	376	7[illegible].2	44	8	18.2	36	81.8
ATMOSPHERIC SCIENCES	683	241	35.3	442	64.[illegible]	138	41	29.7	97	70.3
CHEMISTRY	9,421	2,264	[illegible]4.0	7,157	76.0	2,368	592	25.0	1,776	75.0
GEOSCIENCES	3,616	1,229	34.0	2,387	66.0	535	122	22.8	413	77.2
OCEANOGRAPHY	1,046	311	29.7	735	70.3	127	39	30.7	88	69.3
PHYSICS	6,832	1,538	22.5	5,294	77.5	2,259	468	20.7	1,791	79.3
MATHEMATICAL SCIENCES	9,638	3,209	33.3	6,429	66.7	2,271	583	25.7	1,688	74.3
APPLIED MATHEMATICS	1,923	657	34.2	1,266	65.8	519	138	26.6	381	73.4
MATHEMATICS	6,840	2,272	33.2	4,568	66.8	1,374	345	25.1	1,029	74.9
STATISTICS	875	280	32.0	595	68.0	378	100	26.5	278	73.5
LIFE SCIENCES	28,871	8,725	30.2	20,146	69.8	5,212	1,438	27.6	3,774	72.4
AGRICULTURE	5,399	1,796	33.3	3,603	66.7	2,061	600	29.1	1,461	70.9
BIOCHEMISTRY	3,020	788	26.1	2,232	73.9	576	159	27.6	417	72.4
BIOLOGY	6,350	1,876	29.5	4,474	70.5	551	133	24.1	418	75.9
BOTANY	1,912	518	27.1	1,394	72.9	389	87	22.4	302	77.6
MICROBIOLOGY	2,133	623	29.2	1,510	70.8	306	94	30.7	212	69.3
PHARMACOLOGY	1,352	384	28.4	968	71.6	409	113	27.6	296	72.4
PHYSIOLOGY	1,538	493	32.1	1,045	67.9	172	47	27.3	125	72.7
ZOOLOGY	3,093	858	27.7	2,235	72.3	186	46	24.7	140	75.3
OTHER LIFE SCIENCES	4,074	1,389	34.1	2,685	65.9	562	159	28.3	403	71.7
PSYCHOLOGY	13,800	3,849	27.9	9,951	72.1	482	111	23.0	371	77.0
SOCIAL SCIENCES	26,477	8,365	31.6	18,112	68.4	4,734	1,537	32.5	3,197	67.5
AGRICULTURAL ECONOMICS	704	230	32.7	474	67.3	393	145	36.9	248	63.1
ANTHROPOLOGY	3,601	1,003	27.9	2,598	72.1	256	83	32.4	173	67.6
ECONOMICS (EXCEPT AGRICULTURAL)	4,751	1,547	32.6	3,204	67.4	1,790	591	33.0	1,199	67.0
GEOGRAPHY	1,492	478	32.0	1,014	68.0	249	87	34.9	162	65.1
HISTORY AND PHILOSOPHY OF SCIENCE	1,801	497	27.6	1,304	72.4	111	34	30.6	77	69.4
LINGUISTICS	1,547	529	34.2	1,018	65.8	334	108	32.3	226	67.7
POLITICAL SCIENCE	5,898	2,011	34.1	3,887	65.9	792	248	31.3	544	68.7
SOCIOLOGY	6,193	1,864	30.1	4,329	69.9	751	225	30.0	526	70.0
SOCIOLOGY AND ANTHROPOLOGY	490	206	42.0	284	58.0	58	16	27.6	42	72.4

TABLE C-8. FULL-TIME GRADUATE STUDENTS IN DOCTORATE DEPARTMENTS, BY FIELD OF SCIENCE AND SEX OF STUDENT, 1972

AREA AND FIELD OF SCIENCE	TOTAL		MEN		WOMEN	
	NUMBER	PERCENT DISTRIBUTION	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL
TOTAL, ALL FIELDS OF SCIENCE............	149,937	100.0	123,345	82.3	26,592	1[illegible].7
ENGINEERING..........................	30,908	20.6	30,112	97.4	796	2.6
AERONAUTICAL.........................	1,327	.9	1,312	98.9	15	1.1
AGRICULTURAL.........................	396	.3	392	99.0	4	1.0
CHEMICAL.............................	2,981	2.[illegible]	2,909	97.6	72	2.4
CIVIL................................	4,946	3.3	4,818	97.4	128	2.6
ELECTRICAL...........................	7,386	4.9	7,247	98.1	139	1.9
ENGINEERING SCIENCE..................	1,234	.8	1,196	96.9	38	3.1
INDUSTRIAL...........................	3,053	[illegible].0	2,890	94.7	163	5.3
MECHANICAL...........................	4,085	2.7	4,040	98.9	45	1.1
METALLURGICAL AND MATERIALS..........	1,588	1.1	1,545	97.3	43	2.7
MINING...............................	258	.2	254	98.4	4	1.6
NUCLEAR..............................	924	.6	907	98.2	17	1.8
PETROLEUM............................	204	.1	202	99.0	2	1.0
OTHER ENGINEERING....................	2,526	1.7	2,400	95.0	126	5.0
PHYSICAL SCIENCES....................	27,544	18.4	24,582	89.2	2,962	10.8
ASTRONOMY............................	519	.3	467	90.0	52	10.0
ATMOSPHERIC SCIENCES.................	821	.5	777	94.6	44	5.4
CHEMISTRY............................	11,789	7.9	10,004	84.9	1,785	15.1
GEOSCIENCES..........................	4,151	2.8	3,742	90.1	409	9.9
OCEANOGRAPHY.........................	1,173	.8	1,047	89.3	126	10.7
PHYSICS..............................	9,091	6.1	8,545	94.0	546	6.[illegible]
MATHEMATICAL SCIENCES................	11,909	7.9	9,772	82.1	2,137	17.9
APPLIED MATHEMATICS..................	2,442	1.6	2,112	86.5	330	13.5
MATHEMATICS..........................	8,214	5.5	6,675	81.3	1,539	18.7
STATISTICS...........................	1,253	.8	985	78.6	268	21.4
LIFE SCIENCES........................	34,083	22.7	26,382	77.4	7,701	22.6
AGRICULTURE..........................	7,460	5.0	6,474	86.8	986	13.2
BIOCHEMISTRY.........................	3,596	2.4	2,764	76.9	832	23.1
BIOLOGY..............................	6,901	4.6	4,899	71.0	2,002	29.0
BOTANY...............................	2,301	1.5	1,796	78.1	505	21.9
MICROBIOLOGY.........................	2,439	1.6	1,680	68.9	759	31.1
PHARMACOLOGY.........................	1,761	1.2	1,432	81.3	329	18.7
PHYSIOLOGY...........................	1,710	1.1	1,343	78.5	367	21.5
ZOOLOGY..............................	3,279	2.2	2,558	78.0	721	22.0
OTHER LIFE SCIENCES..................	4,636	3.1	3,436	74.1	1,200	25.9
PSYCHOLOGY...........................	14,282	9.5	9,264	64.9	5,018	35.1
SOCIAL SCIENCES......................	31,211	20.8	23,233	74.4	7,978	25.6
AGRICULTURAL ECONOMICS...............	1,097	.7	1,029	93.8	68	6.2
ANTHROPOLOGY.........................	3,857	2.6	2,265	58.7	1,592	41.3
ECONOMICS (EXCEPT AGRICULTURAL)......	6,541	4.4	5,771	88.2	770	11.8
GEOGRAPHY............................	1,741	1.2	1,455	83.6	286	16.4
HISTORY AND PHILOSOPHY OF SCIENCE....	1,912	1.3	1,445	75.6	467	24.4
LINGUISTICS..........................	1,881	1.3	1,001	53.2	880	46.8
POLITICAL SCIENCE....................	6,690	4.5	5,463	81.7	1,227	18.3
SOCIOLOGY............................	6,944	4.6	4,495	64.7	2,449	35.3
SOCIOLOGY AND ANTHROPOLOGY...........	548	.4	309	56.4	239	43.6

TABLE C-9. FULL-TIME GRADUATE STUDENTS IN DOCTORATE DEPARTMENTS, BY FIELD OF SCIENCE, SEX OF STUDENT, AND LEVEL OF STUDY, 1972

AREA AND FIELD OF SCIENCE	MEN					WOMEN				
		FIRST YEAR		BEYOND FIRST YEAR			FIRST YEAR		BEYOND FIRST YEAR	
	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL	TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL
TOTAL, ALL FIELDS OF SCIENCE	123,345	37,851	30.7	85,494	69.3	26,592	9,156	34.4	17,436	65.6
ENGINEERING	30,112	11,880	39.5	18,232	60.5	796	358	45.0	438	55.0
AERONAUTICAL	1,312	427	32.5	885	67.5	15	9	60.0	6	40.0
AGRICULTURAL	392	130	33.2	262	66.8	4	1	25.0	3	75.0
CHEMICAL	2,909	919	31.6	1,990	68.4	72	31	43.1	41	56.9
CIVIL	4,818	2,350	48.8	2,468	51.2	128	68	53.1	60	46.9
ELECTRICAL	7,247	2,908	40.1	4,339	59.9	139	59	42.4	80	57.6
ENGINEERING SCIENCE	1,196	337	28.2	859	71.8	38	10	26.3	28	73.7
INDUSTRIAL	2,890	1,251	43.3	1,639	56.7	163	85	52.1	78	47.9
MECHANICAL	4,040	1,678	41.5	2,362	58.5	45	17	37.8	28	62.2
METALLURGICAL AND MATERIALS	1,545	409	26.5	1,136	73.5	43	7	16.3	36	83.7
MINING	254	73	28.7	181	71.3	4	2	50.0	2	50.0
NUCLEAR	907	331	36.5	576	63.5	17	5	29.4	12	70.6
PETROLEUM	202	74	36.6	128	63.4	2	[illegible]	.0	2	100.0
OTHER ENGINEERING	2,400	993	41.4	1,407	58.6	126	64	50.8	62	49.2
PHYSICAL SCIENCES	24,582	5,983	24.3	18,599	75.7	2,962	969	32.7	1,993	67.3
ASTRONOMY	467	86	18.4	381	81.6	52	21	40.4	31	59.6
ATMOSPHERIC SCIENCES	777	265	34.1	512	65.9	44	17	38.6	27	61.4
CHEMISTRY	10,004	2,324	23.2	7,680	76.8	1,785	532	29.8	1,253	70.2
GEOSCIENCES	3,742	1,169	31.2	2,573	68.8	409	182	44.5	227	55.5
OCEANOGRAPHY	1,047	301	28.7	746	71.3	126	49	38.9	77	61.1
PHYSICS	8,545	1,838	21.5	6,707	78.5	546	168	30.8	378	69.2
MATHEMATICAL SCIENCES	9,772	2,930	30.0	6,842	70.0	2,137	862	40.3	1,275	59.7
APPLIED MATHEMATICS	2,112	662	31.3	1,450	68.7	330	133	40.3	197	59.7
MATHEMATICS	6,675	2,003	30.0	4,672	70.0	1,539	614	39.9	925	60.1
STATISTICS	985	265	26.9	720	73.1	268	115	42.9	153	57.1
LIFE SCIENCES	26,382	7,502	28.4	18,880	71.6	7,701	2,661	34.6	5,040	65.4
AGRICULTURE	6,474	1,984	30.6	4,490	69.4	986	412	41.8	574	58.2
BIOCHEMISTRY	2,764	704	25.5	2,060	74.5	832	243	29.2	589	70.8
BIOLOGY	4,899	1,371	28.0	3,528	72.0	2,002	638	31.9	1,364	68.1
BOTANY	1,796	424	23.6	1,372	76.4	505	181	35.8	324	64.2
MICROBIOLOGY	1,680	488	29.0	1,192	71.0	759	229	30.2	530	69.8
PHARMACOLOGY	1,432	387	27.0	1,045	73.0	329	110	33.4	219	66.6
PHYSIOLOGY	1,343	401	29.9	942	70.1	367	139	37.9	228	62.1
ZOOLOGY	2,558	688	26.9	1,870	73.1	721	216	30.0	505	70.0
OTHER LIFE SCIENCES	3,436	1,055	30.7	2,381	69.3	1,200	493	41.1	707	58.9
PSYCHOLOGY	9,264	2,430	26.2	6,834	73.8	5,018	1,530	30.5	3,488	69.5
SOCIAL SCIENCES	23,233	7,126	30.7	16,107	69.3	7,978	2,776	34.8	5,202	65.2
AGRICULTURAL ECONOMICS	1,029	343	33.3	686	66.7	68	32	47.1	36	52.9
ANTHROPOLOGY	2,265	598	26.4	1,667	73.6	1,592	488	30.7	1,104	69.3
ECONOMICS (EXCEPT AGRICULTURAL)	5,771	1,827	31.7	3,944	68.3	770	311	40.4	459	59.6
GEOGRAPHY	1,455	453	31.1	1,002	68.9	286	112	39.2	174	60.8
HISTORY AND PHILOSOPHY OF SCIENCE	1,445	392	27.1	1,053	72.9	467	139	29.8	328	70.2
LINGUISTICS	1,001	314	31.4	687	68.6	880	323	36.7	557	63.3
POLITICAL SCIENCE	5,463	1,785	32.7	3,678	67.3	1,227	474	38.6	753	61.4
SOCIOLOGY	4,495	1,299	28.9	3,196	71.1	2,449	790	32.3	1,659	67.7
SOCIOLOGY AND ANTHROPOLOGY	309	115	37.2	194	62.8	239	107	44.8	132	55.2

TABLE C-10. FULL-TIME GRADUATE STUDENTS IN DOCTORATE DEPARTMENTS, BY FIELD OF SCIENCE AND TYPE OF MAJOR SUPPORT, 1972

AREA AND FIELD OF SCIENCE	TOTAL		FELLOWSHIPS AND TRAINEESHIPS		RESEARCH ASSISTANTSHIPS		TEACHING ASSISTANTSHIPS		OTHER TYPES OF SUPPORT	
	NUMBER	PERCENT DISTRI-BUTION	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT OF TOTAL
TOTAL, ALL FIELDS OF SCIENCE........	149,937	100.0	33,502	22.3	32,389	21.6	37,599	25.1	46,447	31.0
ENGINEERING..........................	30,908	20.6	5,354	17.3	9,444	30.6	4,517	14.6	11,593	37.5
AERONAUTICAL.......................	1,327	.9	163	12.3	585	44.1	142	10.7	437	32.9
AGRICULTURAL.......................	396	.3	78	19.7	179	45.2	38	9.6	101	25.5
CHEMICAL...........................	2,981	2.0	712	23.9	1,199	40.2	492	16.5	578	19.4
CIVIL..............................	4,946	3.3	1,249	25.3	1,319	26.7	539	10.9	1,839	37.2
ELECTRICAL.........................	7,386	4.9	903	12.2	2,044	27.7	1,417	19.2	3,022	40.9
ENGINEERING SCIENCE................	1,234	.8	209	16.9	432	35.0	319	25.9	274	22.2
INDUSTRIAL.........................	3,053	2.0	334	10.9	511	16.7	353	11.6	1,855	60.8
MECHANICAL.........................	4,085	2.7	618	15.1	1,195	29.3	671	16.4	1,601	39.2
METALLURGICAL AND MATERIALS........	1,588	1.1	230	14.5	857	54.0	188	11.8	313	19.7
MINING.............................	258	.2	52	20.2	132	51.2	33	12.8	41	15.9
NUCLEAR............................	924	.6	237	25.6	282	30.5	97	10.5	308	33.3
PETROLEUM..........................	204	.1	67	32.8	63	30.9	25	12.3	49	24.0
OTHER ENGINEERING..................	2,526	1.7	502	19.9	646	25.6	203	8.0	1,175	46.5
PHYSICAL SCIENCES....................	27,544	18.4	4,104	14.9	8,563	31.1	10,704	38.9	4,173	15.2
ASTRONOMY..........................	519	.3	110	21.2	171	32.9	132	25.4	106	20.4
ATMOSPHERIC SCIENCES...............	821	.5	129	15.7	407	49.6	59	7.2	226	27.5
CHEMISTRY..........................	11,789	7.9	1,860	15.8	3,182	27.0	5,799	49.2	948	8.0
GEOSCIENCES........................	4,151	2.8	605	14.6	1,088	26.2	1,236	29.8	1,222	29.4
OCEANOGRAPHY.......................	1,173	.8	169	14.4	642	54.7	30	2.6	332	28.3
PHYSICS............................	9,091	6.1	1,231	13.5	3,073	33.8	3,448	37.9	1,339	14.7
MATHEMATICAL SCIENCES................	11,909	7.9	1,677	14.1	1,191	10.0	5,435	45.6	3,606	30.3
APPLIED MATHEMATICS................	2,442	1.6	221	9.0	619	25.3	529	21.7	1,073	43.9
MATHEMATICS........................	8,214	5.5	1,166	14.2	353	4.3	4,535	55.2	2,160	26.3
STATISTICS.........................	1,253	.8	290	23.1	219	17.5	371	29.6	373	29.8
LIFE SCIENCES........................	34,083	22.7	9,970	29.3	8,224	24.1	7,319	21.5	8,570	25.1
AGRICULTURE........................	7,460	5.0	1,153	15.5	3,700	49.6	521	7.0	2,086	28.0
BIOCHEMISTRY.......................	3,596	2.4	1,663	46.2	927	25.8	524	14.6	482	13.4
BIOLOGY............................	6,901	4.6	1,919	27.8	743	10.8	2,315	33.5	1,924	27.9
BOTANY.............................	2,301	1.5	297	12.9	639	27.8	809	35.2	556	24.2
MICROBIOLOGY.......................	2,439	1.6	967	39.6	377	15.5	592	24.3	503	20.6
PHARMACOLOGY.......................	1,761	1.2	750	42.6	308	17.5	353	20.0	350	19.9
PHYSIOLOGY.........................	1,710	1.1	651	38.1	283	16.5	298	17.4	478	28.0
ZOOLOGY............................	3,279	2.2	485	14.8	565	17.2	1,373	41.9	856	26.1
OTHER LIFE SCIENCES................	4,636	3.1	2,085	45.0	682	14.7	534	11.5	1,335	28.8
PSYCHOLOGY...........................	14,282	9.5	4,484	31.4	1,698	11.9	3,025	21.2	5,075	35.5
SOCIAL SCIENCES......................	31,211	20.8	7,913	25.4	3,269	10.5	6,599	21.1	13,430	43.0
AGRICULTURAL ECONOMICS.............	1,097	.7	163	14.9	588	53.6	68	6.2	278	25.3
ANTHROPOLOGY.......................	3,857	2.6	953	24.7	215	5.6	739	19.2	1,950	50.6
ECONOMICS (EXCEPT AGRICULTURAL)...	6,541	4.4	1,608	24.6	855	13.1	1,463	22.4	2,615	40.0
GEOGRAPHY..........................	1,741	1.2	288	16.5	171	9.8	583	33.5	699	40.1
HISTORY AND PHILOSOPHY OF SCIENCE.	1,912	1.3	513	26.8	67	3.5	586	30.6	746	39.0
LINGUISTICS........................	1,881	1.3	659	35.0	150	8.0	401	21.3	671	35.7
POLITICAL SCIENCE..................	6,690	4.5	1,723	25.8	387	5.8	1,239	18.5	3,341	49.9
SOCIOLOGY..........................	6,944	4.6	1,891	27.2	731	10.5	1,391	20.0	2,931	42.2
SOCIOLOGY AND ANTHROPOLOGY.........	548	.4	115	21.0	105	19.2	129	23.5	199	36.3

TABLE C-11. FULL-TIME GRADUATE STUDENTS IN DOCTORATE DEPARTMENTS, BY AREA OF SCIENCE, CITIZENSHIP, AND TYPE OF MAJOR SUPPORT, 1972

AREA OF SCIENCE	TOTAL	FELLOWSHIPS AND TRAINEESHIPS	RESEARCH ASSISTANTSHIPS	TEACHING ASSISTANTSHIPS	OTHER TYPES OF SUPPORT
TOTAL, ALL AREAS OF SCIENCE	149,937	33,502	32,389	37,599	46,447
ENGINEERING	30,908	5,354	9,444	4,517	11,593
PHYSICAL SCIENCES	27,546	4,104	8,563	10,704	4,173
MATHEMATICAL SCIENCES	11,909	1,677	1,191	5,435	3,606
LIFE SCIENCES	34,083	9,970	8,224	7,319	8,570
PSYCHOLOGY	14,282	4,484	1,698	3,025	5,075
SOCIAL SCIENCES	31,211	7,913	3,269	6,599	13,430
U.S. CITIZENS, TOTAL	121,026	28,806	23,787	31,102	37,331
ENGINEERING	20,167	4,210	5,416	2,921	7,620
PHYSICAL SCIENCES	22,073	3,499	6,746	8,396	3,432
MATHEMATICAL SCIENCES	9,638	1,414	864	4,496	2,864
LIFE SCIENCES	28,871	8,802	6,513	6,565	6,991
PSYCHOLOGY	13,800	4,379	1,596	2,896	4,929
SOCIAL SCIENCES	26,477	6,502	2,652	5,828	11,495
FOREIGN STUDENTS, TOTAL	28,911	4,696	8,602	6,497	9,116
ENGINEERING	10,741	1,144	4,028	1,596	3,973
PHYSICAL SCIENCES	5,471	605	1,817	2,308	741
MATHEMATICAL SCIENCES	2,271	263	327	939	742
LIFE SCIENCES	5,212	1,168	1,711	754	1,579
PSYCHOLOGY	482	105	102	129	146
SOCIAL SCIENCES	4,734	1,411	617	771	1,935
			PERCENT DISTRIBUTION		
TOTAL, ALL AREAS OF SCIENCE	100.0	100.0	100.0	100.0	100.0
ENGINEERING	20.6	16.0	29.2	12.0	25.0
PHYSICAL SCIENCES	18.4	12.3	26.4	28.5	9.0
MATHEMATICAL SCIENCES	7.9	5.0	3.7	14.5	7.8
LIFE SCIENCES	22.7	29.8	25.4	19.5	18.5
PSYCHOLOGY	9.5	13.4	5.2	8.0	10.9
SOCIAL SCIENCES	20.8	23.6	10.1	17.6	28.9
U.S. CITIZENS, TOTAL	80.7	86.0	73.4	82.7	80.4
ENGINEERING	13.5	12.6	16.7	7.8	16.4
PHYSICAL SCIENCES	14.7	10.4	20.8	22.3	7.4
MATHEMATICAL SCIENCES	6.4	4.2	2.7	12.0	6.2
LIFE SCIENCES	19.3	26.3	20.1	17.5	15.1
PSYCHOLOGY	9.2	13.1	4.9	7.7	10.6
SOCIAL SCIENCES	17.7	19.4	8.2	15.5	24.7
FOREIGN STUDENTS, TOTAL	19.3	14.0	26.6	17.3	19.6
ENGINEERING	7.2	3.4	12.4	4.2	8.6
PHYSICAL SCIENCES	3.6	1.8	5.6	6.1	1.6
MATHEMATICAL SCIENCES	1.5	.8	1.0	2.5	1.6
LIFE SCIENCES	3.5	3.5	5.3	2.0	3.4
PSYCHOLOGY	.3	.3	.3	.3	.3
SOCIAL SCIENCES	[illegible]	4.2	1.9	2.1	4.2
			PERCENT OF TOTAL		
TOTAL, ALL AREAS OF SCIENCE	100.0	22.3	21.6	25.0	30.9
ENGINEERING	100.0	17.3	30.5	14.6	37.5
PHYSICAL SCIENCES	100.0	14.8	31.0	38.8	15.1
MATHEMATICAL SCIENCES	100.0	14.0	10.0	45.6	30.2
LIFE SCIENCES	100.0	29.2	24.1	21.4	25.1
PSYCHOLOGY	100.0	31.3	11.8	21.1	35.5
SOCIAL SCIENCES	100.0	25.3	10.4	21.1	43.0
U.S. CITIZENS, TOTAL	100.0	23.8	19.6	25.6	30.8
ENGINEERING	100.0	20.8	26.8	14.4	37.7
PHYSICAL SCIENCES	100.0	15.8	30.5	38.0	15.5
MATHEMATICAL SCIENCES	100.0	14.6	8.9	46.6	29.7
LIFE SCIENCES	100.0	30.4	22.5	22.7	24.2
PSYCHOLOGY	100.0	[illegible]	11.5	20.9	35.7
SOCIAL SCIENCES	100.0	24.5	10.0	22.0	43.4
FOREIGN STUDENTS, TOTAL	100.0	16.2	29.7	22.4	31.5
ENGINEERING	100.0	10.6	37.5	14.8	36.9
PHYSICAL SCIENCES	100.0	11.0	33.2	42.1	13.5
MATHEMATICAL SCIENCES	100.0	11.5	14.3	41.3	32.6
LIFE SCIENCES	100.0	22.4	32.8	14.4	30.2
PSYCHOLOGY	100.0	21.7	21.1	26.7	30.2
SOCIAL SCIENCES	100.0	29.8	13.0	16.2	40.8

TABLE C-12. FULL-TIME GRADUATE STUDENTS IN DOCTORATE DEPARTMENTS, BY AREA OF SCIENCE, LEVEL OF STUDY, AND TYPE OF MAJOR SUPPORT, 1972

AREA OF SCIENCE	TOTAL	FELLOWSHIPS AND TRAINEESHIPS	RESEARCH ASSISTANTSHIPS	TEACHING ASSISTANTSHIPS	OTHER TYPES OF SUPPORT
TOTAL, ALL AREAS OF SCIENCE	149,937	33,502	32,389	37,599	46,447
ENGINEERING	30,908	5,354	9,444	4,517	11,593
PHYSICAL SCIENCES	27,544	4,104	8,563	10,704	4,173
MATHEMATICAL SCIENCES	11,909	1,677	1,191	5,435	3,606
LIFE SCIENCES	34,083	9,970	8,224	7,319	8,570
PSYCHOLOGY	14,282	4,484	1,698	3,025	5,075
SOCIAL SCIENCES	31,211	7,913	3,269	6,599	13,430
FIRST YEAR, TOTAL	47,007	9,707	7,392	11,153	18,755
ENGINEERING	12,238	2,276	2,715	1,664	5,583
PHYSICAL SCIENCES	6,952	949	939	3,554	1,510
MATHEMATICAL SCIENCES	3,792	525	290	1,517	1,460
LIFE SCIENCES	10,163	2,417	2,045	2,182	3,519
PSYCHOLOGY	3,960	1,238	467	746	1,509
SOCIAL SCIENCES	9,902	2,302	936	1,490	5,174
BEYOND FIRST YEAR, TOTAL	102,930	23,795	24,997	26,446	27,692
ENGINEERING	18,670	3,078	6,729	2,853	6,010
PHYSICAL SCIENCES	20,592	3,155	7,624	7,150	2,663
MATHEMATICAL SCIENCES	8,117	1,152	901	3,918	2,146
LIFE SCIENCES	23,920	7,553	6,179	5,137	5,051
PSYCHOLOGY	10,322	3,246	1,231	2,279	3,566
SOCIAL SCIENCES	21,309	5,611	2,333	5,109	8,256
			PERCENT DISTRIBUTION		
TOTAL, ALL AREAS OF SCIENCE	100.0	100.0	100.0	100.0	100.0
ENGINEERING	20.6	16.0	29.2	12.0	25.0
PHYSICAL SCIENCES	18.4	12.3	26.4	28.5	9.0
MATHEMATICAL SCIENCES	7.9	5.0	3.7	14.5	7.8
LIFE SCIENCES	22.7	29.8	25.4	19.5	18.5
PSYCHOLOGY	9.5	13.4	5.2	8.0	10.9
SOCIAL SCIENCES	20.8	23.6	10.1	17.6	28.9
FIRST YEAR, TOTAL	31.4	29.0	22.8	29.7	40.4
ENGINEERING	8.2	6.8	8.4	4.4	12.0
PHYSICAL SCIENCES	4.6	2.8	2.9	9.5	3.3
MATHEMATICAL SCIENCES	2.5	1.6	.9	4.0	3.1
LIFE SCIENCES	6.8	7.2	6.3	5.8	7.6
PSYCHOLOGY	2.6	3.7	1.4	2.0	3.2
SOCIAL SCIENCES	6.6	6.9	2.9	4.0	11.1
BEYOND FIRST YEAR, TOTAL	68.6	71.0	77.2	70.3	59.6
ENGINEERING	12.5	9.2	20.8	7.6	12.9
PHYSICAL SCIENCES	13.7	9.4	23.5	19.0	5.7
MATHEMATICAL SCIENCES	5.4	3.4	2.8	10.4	4.6
LIFE SCIENCES	16.0	22.5	19.1	13.7	10.9
PSYCHOLOGY	6.9	9.7	3.8	6.1	7.7
SOCIAL SCIENCES	14.2	16.7	7.2	13.6	17.8
			PERCENT OF TOTAL		
TOTAL, ALL AREAS OF SCIENCE	100.0	22.3	21.6	25.0	30.9
ENGINEERING	100.0	17.3	30.5	14.6	37.5
PHYSICAL SCIENCES	100.0	14.8	31.0	38.8	15.1
MATHEMATICAL SCIENCES	100.0	14.0	10.0	45.6	30.2
LIFE SCIENCES	100.0	29.2	24.1	21.4	25.1
PSYCHOLOGY	100.0	31.3	11.8	21.1	35.5
SOCIAL SCIENCES	100.0	25.3	10.4	21.1	43.0
FIRST YEAR, TOTAL	100.0	20.6	15.7	23.7	39.8
ENGINEERING	100.0	18.5	22.1	13.5	45.6
PHYSICAL SCIENCES	100.0	13.6	13.5	51.1	21.7
MATHEMATICAL SCIENCES	100.0	13.8	7.6	40.0	38.5
LIFE SCIENCES	100.0	23.7	20.1	21.4	34.6
PSYCHOLOGY	100.0	31.2	11.7	18.8	38.1
SOCIAL SCIENCES	100.0	23.2	9.4	15.0	52.2
BEYOND FIRST YEAR, TOTAL	100.0	23.1	24.2	25.6	26.9
ENGINEERING	100.0	16.4	36.0	15.2	32.1
PHYSICAL SCIENCES	100.0	15.3	37.0	34.7	12.9
MATHEMATICAL SCIENCES	100.0	14.1	11.1	48.2	26.4
LIFE SCIENCES	100.0	31.5	25.8	21.4	21.1
PSYCHOLOGY	100.0	31.4	11.9	22.0	34.5
SOCIAL SCIENCES	100.0	26.3	10.9	23.9	38.7

TABLE C-13. FULL-TIME GRADUATE STUDENTS IN DOCTORATE DEPARTMENTS, BY FIELD OF SCIENCE AND SOURCE OF SUPPORT, 1971 AND 1972*

AREA AND FIELD OF SCIENCE	FALL 1971 TOTAL	FALL 1971 SUPPORTED BY U.S. GOVERNMENT SOURCES	FALL 1971 SUPPORTED BY NON-U.S. GOVERNMENT SOURCES	FALL 1972 TOTAL	FALL 1972 SUPPORTED BY U.S. GOVERNMENT SOURCES	FALL 1972 SUPPORTED BY NON-U.S. GOVERNMENT SOURCES
TOTAL, ALL FIELDS OF SCIENCE............	153,453	49,916	103,537	149,937	45,029	104,908
ENGINEERING............................	32,397	12,395	20,002	30,908	11,246	19,662
AERONAUTICAL...........................	1,468	839	629	1,327	707	620
AGRICULTURAL...........................	463	136	327	396	101	295
CHEMICAL...............................	3,267	1,107	2,160	2,981	1,012	1,969
CIVIL..................................	5,092	2,105	2,987	4,946	1,902	3,044
ELECTRICAL.............................	7,787	2,654	5,133	7,386	2,534	4,852
ENGINEERING SCIENCE....................	1,308	584	724	1,234	511	723
INDUSTRIAL.............................	3,212	1,141	2,071	3,053	1,054	1,999
MECHANICAL.............................	4,223	1,552	2,671	4,085	1,400	2,685
METALLURGICAL AND MATERIALS............	1,709	865	844	1,588	736	852
MINING.................................	263	81	182	258	79	179
NUCLEAR................................	934	376	558	924	373	551
PETROLEUM..............................	221	58	163	204	34	170
OTHER ENGINEERING......................	2,450	897	1,553	2,526	803	1,723
PHYSICAL SCIENCES......................	29,064	11,165	17,899	27,544	9,687	17,857
ASTRONOMY..............................	552	261	291	519	213	306
ATMOSPHERIC SCIENCES...................	856	651	205	821	544	277
CHEMISTRY..............................	12,657	4,196	8,461	11,789	3,548	8,241
GEOSCIENCES............................	3,962	1,171	2,791	4,151	1,156	2,995
OCEANOGRAPHY...........................	1,106	630	476	1,173	653	520
PHYSICS................................	9,931	4,256	5,675	9,091	3,573	5,518
MATHEMATICAL SCIENCES..................	12,493	2,427	10,066	11,909	1,908	10,001
APPLIED MATHEMATICS....................	2,423	528	1,895	2,442	583	1,859
MATHEMATICS............................	8,728	1,437	7,291	8,214	1,003	7,211
STATISTICS.............................	1,342	462	880	1,253	322	931
LIFE SCIENCES..........................	33,945	12,850	21,095	34,083	12,037	22,046
AGRICULTURE............................	7,523	2,317	5,206	7,460	2,166	5,294
BIOCHEMISTRY...........................	3,638	2,187	1,451	3,596	2,066	1,530
BIOLOGY................................	7,009	2,119	4,890	6,901	1,907	4,994
BOTANY.................................	2,334	605	1,729	2,301	498	1,803
MICROBIOLOGY...........................	2,395	1,170	1,225	2,439	1,091	1,348
PHARMACOLOGY...........................	1,727	828	899	1,761	793	968
PHYSIOLOGY.............................	1,739	820	919	1,710	757	953
ZOOLOGY................................	3,521	876	2,645	3,279	731	2,548
OTHER LIFE SCIENCES....................	4,059	1,928	2,131	4,636	2,028	2,608
PSYCHOLOGY.............................	14,084	4,977	9,107	14,282	4,691	9,591
SOCIAL SCIENCES........................	31,470	6,102	25,368	31,211	5,460	25,751
AGRICULTURAL ECONOMICS.................	1,077	321	756	1,097	292	805
ANTHROPOLOGY...........................	3,740	827	2,913	3,857	775	3,082
ECONOMICS (EXCEPT AGRICULTURAL).......	6,641	1,140	5,501	6,541	1,040	5,501
GEOGRAPHY..............................	1,797	283	1,514	1,741	238	1,503
HISTORY AND PHILOSOPHY OF SCIENCE....	2,028	244	1,784	1,912	185	1,727
LINGUISTICS............................	1,921	567	1,354	1,881	585	1,296
POLITICAL SCIENCE......................	6,848	921	5,927	6,690	735	5,955
SOCIOLOGY..............................	6,769	1,643	5,126	6,944	1,482	5,462
SOCIOLOGY AND ANTHROPOLOGY............	649	156	493	548	124	424

* AS REPORTED IN 1972.

TABLE C-13. FULL-TIME GRADUATE STUDENTS IN DOCTORATE DEPARTMENTS, BY FIELD OF SCIENCE AND SOURCE OF SUPPORT, 1971 AND 1972*

(CONTINUED)

AREA AND FIELD OF SCIENCE	FALL 1971 TOTAL	FALL 1971 SUPPORTED BY U.S. GOVERNMENT SOURCES	FALL 1971 SUPPORTED BY NON-U.S. GOVERNMENT SOURCES	FALL 1972 TOTAL	FALL 1972 SUPPORTED BY U.S. GOVERNMENT SOURCES	FALL 1972 SUPPORTED BY NON-U.S. GOVERNMENT SOURCES
	PERCENT DISTRIBUTION					
TOTAL, ALL FIELDS OF SCIENCE	100.0	100.0	100.0	100.0	100.0	100.0
ENGINEERING	21.1	24.8	19.3	20.6	25.0	18.7
AERONAUTICAL	1.0	1.7	.6	.9	1.6	.6
AGRICULTURAL	.3	.3	.3	.3	.2	.3
CHEMICAL	2.1	2.2	2.1	2.0	2.2	1.9
CIVIL	3.3	4.2	2.9	3.3	4.2	2.9
ELECTRICAL	5.1	5.3	5.0	4.9	5.6	4.6
ENGINEERING SCIENCE	.9	1.2	.7	.8	1.1	.7
INDUSTRIAL	2.1	2.3	2.0	2.0	2.3	1.9
MECHANICAL	2.8	3.1	2.6	2.7	3.1	2.6
METALLURGICAL AND MATERIALS	1.1	1.7	.8	1.1	1.6	.8
MINING	.2	.2	.2	.2	.2	.2
NUCLEAR	.6	.8	.5	.6	.8	.5
PETROLEUM	.1	.1	.2	.1	.1	.2
OTHER ENGINEERING	1.6	1.8	1.5	1.7	1.8	1.6
PHYSICAL SCIENCES	18.9	22.4	17.3	18.4	21.5	17.0
ASTRONOMY	.4	.5	.3	.3	.5	.3
ATMOSPHERIC SCIENCES	.6	1.3	.2	.5	1.2	.3
CHEMISTRY	8.2	8.4	8.2	7.9	7.9	7.9
GEOSCIENCES	2.6	2.3	2.7	2.8	2.6	2.9
OCEANOGRAPHY	.7	1.3	.5	.8	1.5	.5
PHYSICS	6.5	8.5	5.5	6.1	7.9	5.3
MATHEMATICAL SCIENCES	8.1	4.9	9.7	7.9	4.2	9.5
APPLIED MATHEMATICS	1.6	1.1	1.8	1.6	1.3	1.8
MATHEMATICS	5.7	2.9	7.0	5.5	2.2	6.9
STATISTICS	.9	.9	.8	.8	.7	.9
LIFE SCIENCES	22.1	25.7	20.4	22.7	26.7	21.0
AGRICULTURE	4.9	4.6	5.0	5.0	4.8	5.0
BIOCHEMISTRY	2.4	4.4	1.4	2.4	4.6	1.5
BIOLOGY	4.6	4.2	4.7	4.6	4.2	4.8
BOTANY	1.5	1.2	1.7	1.5	1.1	1.7
MICROBIOLOGY	1.6	2.3	1.2	1.6	2.4	1.3
PHARMACOLOGY	1.1	1.7	.9	1.2	1.8	.9
PHYSIOLOGY	1.1	1.6	.9	1.1	1.7	.9
ZOOLOGY	2.3	1.8	2.6	2.2	1.6	2.4
OTHER LIFE SCIENCES	2.6	3.9	2.1	3.1	4.5	2.5
PSYCHOLOGY	9.2	10.0	8.8	9.5	10.4	9.1
SOCIAL SCIENCES	20.5	12.2	24.5	20.8	12.1	24.5
AGRICULTURAL ECONOMICS	.7	.6	.7	.7	.6	.8
ANTHROPOLOGY	2.4	1.7	2.8	2.6	1.7	2.9
ECONOMICS (EXCEPT AGRICULTURAL)	4.3	2.3	5.3	4.4	2.3	5.2
GEOGRAPHY	1.2	.6	1.5	1.2	.5	1.4
HISTORY AND PHILOSOPHY OF SCIENCE	1.3	.5	1.7	1.3	.4	1.6
LINGUISTICS	1.3	1.1	1.3	1.3	1.3	1.2
POLITICAL SCIENCE	4.5	1.8	5.7	4.5	1.6	5.7
SOCIOLOGY	4.4	3.3	5.0	4.6	3.3	5.2
SOCIOLOGY AND ANTHROPOLOGY	.4	.3	.5	.4	.3	.4

* AS REPORTED IN 1972.

TABLE C-13. FULL-TIME GRADUATE STUDENTS IN DOCTORATE DEPARTMENTS, BY FIELD OF SCIENCE AND SOURCE OF SUPPORT, 1971 AND 1972*

(CONTINUED)

AREA AND FIELD OF SCIENCE	FALL 1971			FALL 1972		
	TOTAL	SUPPORTED BY U.S. GOVERNMENT SOURCES	SUPPORTED BY NON-U.S. GOVERNMENT SOURCES	TOTAL	SUPPORTED BY U.S. GOVERNMENT SOURCES	SUPPORTED BY NON-U.S. GOVERNMENT SOURCES
	PERCENT OF TOTAL					
TOTAL, ALL FIELDS OF SCIENCE............	100.0	32.5	67.4	100.0	30.0	69.9
ENGINEERING............................	100.0	38.2	61.7	100.0	36.3	63.6
AERONAUTICAL...........................	100.0	57.1	42.8	100.0	53.2	46.7
AGRICULTURAL...........................	100.0	29.3	70.6	100.0	25.5	74.4
CHEMICAL...............................	100.0	33.8	66.1	100.0	33.9	66.0
CIVIL..................................	100.0	41.3	58.6	100.0	38.4	61.5
ELECTRICAL.............................	100.0	34.0	65.9	100.0	34.3	65.6
ENGINEERING SCIENCE....................	100.0	44.6	55.3	100.0	41.4	58.5
INDUSTRIAL.............................	100.0	35.5	64.4	100.0	34.5	65.4
MECHANICAL.............................	100.0	36.7	63.2	100.0	34.2	65.7
METALLURGICAL AND MATERIALS............	100.0	50.6	49.3	100.0	46.3	53.6
MINING.................................	100.0	30.7	69.2	100.0	30.6	69.3
NUCLEAR................................	100.0	40.2	59.7	100.0	40.3	59.6
PETROLEUM..............................	100.0	26.2	73.7	100.0	16.6	83.3
OTHER ENGINEERING......................	100.0	36.6	63.3	100.0	31.7	68.2
PHYSICAL SCIENCES......................	100.0	38.4	61.5	100.0	35.1	64.8
ASTRONOMY..............................	100.0	47.2	52.7	100.0	41.0	58.9
ATMOSPHERIC SCIENCES...................	100.0	76.0	23.9	100.0	66.2	33.7
CHEMISTRY..............................	100.0	33.1	66.8	100.0	30.0	69.9
GEOSCIENCES............................	100.0	29.5	70.4	100.0	27.8	72.1
OCEANOGRAPHY...........................	100.0	56.9	43.0	100.0	55.6	44.3
PHYSICS................................	100.0	42.8	57.1	100.0	39.3	60.6
MATHEMATICAL SCIENCES..................	100.0	19.4	80.5	100.0	16.0	83.9
APPLIED MATHEMATICS....................	100.0	21.7	78.2	100.0	23.8	76.1
MATHEMATICS............................	100.0	16.4	83.5	100.0	12.2	87.7
STATISTICS.............................	100.0	34.4	65.5	100.0	25.6	74.3
LIFE SCIENCES..........................	100.0	37.8	62.1	100.0	35.3	64.6
AGRICULTURE............................	100.0	30.7	69.2	100.0	29.0	70.9
BIOCHEMISTRY...........................	100.0	60.1	39.8	100.0	57.4	42.5
BIOLOGY................................	100.0	30.2	69.7	100.0	27.6	72.3
BOTANY.................................	100.0	25.9	74.0	100.0	21.6	78.3
MICROBIOLOGY...........................	100.0	48.8	51.1	100.0	44.7	55.2
PHARMACOLOGY...........................	100.0	47.9	52.0	100.0	45.0	54.9
PHYSIOLOGY.............................	100.0	47.1	52.8	100.0	44.2	55.7
ZOOLOGY................................	100.0	24.8	75.1	100.0	22.2	77.7
OTHER LIFE SCIENCES....................	100.0	47.4	52.5	100.0	43.7	56.2
PSYCHOLOGY.............................	100.0	35.3	64.6	100.0	32.8	67.1
SOCIAL SCIENCES........................	100.0	19.3	80.6	100.0	17.4	82.5
AGRICULTURAL ECONOMICS.................	100.0	29.8	70.1	100.0	26.6	73.3
ANTHROPOLOGY...........................	100.0	22.1	77.8	100.0	20.0	79.9
ECONOMICS (EXCEPT AGRICULTURAL)........	100.0	17.1	82.8	100.0	15.8	84.1
GEOGRAPHY..............................	100.0	15.7	84.2	100.0	13.6	86.3
HISTORY AND PHILOSOPHY OF SCIENCE......	100.0	12.0	87.9	100.0	9.6	90.3
LINGUISTICS............................	100.0	29.5	70.4	100.0	31.1	68.8
POLITICAL SCIENCE......................	100.0	13.4	86.5	100.0	11.0	88.9
SOCIOLOGY..............................	100.0	24.2	75.7	100.0	21.3	78.6
SOCIOLOGY AND ANTHROPOLOGY.............	100.0	24.0	75.9	100.0	22.6	77.3

* AS REPORTED IN 1972.

TABLE C-14. FULL-TIME GRADUATE STUDENTS IN DOCTORATE DEPARTMENTS, BY SOURCE OF MAJOR SUPPORT, AREA OF SCIENCE, AND SEX OF STUDENT, 1972

SOURCE OF MAJOR SUPPORT	TOTAL	ENGI-NEERING	PHYSICAL SCIENCES	MATHE-MATICAL SCIENCES	LIFE SCIENCES	PSYCHOLOGY	SOCIAL SCIENCES
TOTAL, ALL SOURCES OF SUPPORT	149,937	30,908	27,544	11,909	34,083	14,282	31,211
ALL U.S. SOURCES, TOTAL	146,859	29,888	27,189	11,716	33,277	14,233	30,556
U.S. GOVERNMENT, TOTAL	45,029	11,246	9,687	1,908	12,037	4,691	5,460
ATOMIC ENERGY COMMISSION	1,784	525	1,075	52	131	1	
DEPARTMENT OF DEFENSE	4,771	3,074	1,103	249	60	81	204
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	17,988	1,589	1,783	395	8,121	3,391	2,709
NATIONAL DEFENSE EDUCATION ACT	3,083	414	598	206	617	244	1,004
NATIONAL INSTITUTES OF HEALTH	13,378	945	1,137	148	7,122	2,775	1,251
OTHER HEW	1,527	230	48	41	382	372	454
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	1,273	622	526	18	76	13	18
NATIONAL SCIENCE FOUNDATION	10,419	2,693	4,110	961	1,307	452	896
VETERANS ADMINISTRATION (G.I.BILL)	744	127	99	37	194	68	219
ALL OTHER U.S. GOVERNMENT AGENCIES	8,050	2,616	991	196	2,148	685	1,414
OTHER U.S. SOURCES	101,830	18,642	17,502	9,808	21,240	9,542	25,096
INSTITUTIONAL SUPPORT	57,884	8,341	13,349	6,543	12,892	4,989	11,770
SELF-SUPPORT	34,597	7,389	2,892	2,876	6,379	3,638	11,423
ALL OTHER U.S. SOURCES	9,349	2,912	1,261	389	1,969	915	1,903
FOREIGN SOURCES, TOTAL	3,078	1,020	355	193	806	49	655
				MEN			
TOTAL, ALL SOURCES OF SUPPORT	123,345	30,112	24,582	9,772	26,382	9,264	23,233
ALL U.S. SOURCES, TOTAL	120,540	29,120	24,253	9,601	25,656	9,232	22,678
U.S. GOVERNMENT, TOTAL	37,733	10,987	8,864	1,649	9,196	3,074	3,963
ATOMIC ENERGY COMMISSION	1,681	508	1,023	46	104		
DEPARTMENT OF DEFENSE	4,634	3,041	1,053	225	52	67	196
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	13,181	1,528	1,523	313	5,913	2,135	1,769
NATIONAL DEFENSE EDUCATION ACT	2,458	403	521	173	448	164	749
NATIONAL INSTITUTES OF HEALTH	9,748	904	959	110	5,216	1,754	805
OTHER HEW	975	221	43	30	249	217	215
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	1,225	615	498	17	70	11	14
NATIONAL SCIENCE FOUNDATION	9,192	2,615	3,764	840	983	313	677
VETERANS ADMINISTRATION (G.I.BILL)	720	126	96	37	[illegible]	61	208
ALL OTHER U.S. GOVERNMENT AGENCIES	7,100	2,554	[illegible]	171	1,882	487	1,099
OTHER U.S. SOURCES	82,807	18,133	[illegible]	7,952	16,460	6,158	18,715
INSTITUTIONAL SUPPORT	47,510	8,095	11,710	5,350	10,058	3,316	8,981
SELF-SUPPORT	27,357	7,193	2,554	2,289	4,813	2,212	8,296
ALL OTHER U.S. SOURCES	7,940	2,845	1,125	313	1,589	630	1,438
FOREIGN SOURCES, TOTAL	2,805	992	329	171	726	32	555
				WOMEN			
TOTAL, ALL SOURCES OF SUPPORT	26,592	796	2,962	2,137	7,701	5,018	7,978
ALL U.S. SOURCES, TOTAL	26,319	768	2,936	2,115	7,621	5,001	7,878
U.S. GOVERNMENT, TOTAL	7,296	259	823	259	2,841	1,617	1,497
ATOMIC ENERGY COMMISSION	103	17	52	6	27	1	
DEPARTMENT OF DEFENSE	137	33	50	24	8	14	8
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	4,807	61	260	82	2,208	1,256	940
NATIONAL DEFENSE EDUCATION ACT	625	11	77	33	169	80	255
NATIONAL INSTITUTES OF HEALTH	3,630	41	178	38	1,906	1,021	446
OTHER HEW	552	9	5	11	133	155	239
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	48	7	28	1	6	2	4
NATIONAL SCIENCE FOUNDATION	1,227	78	346	121	324	139	219
VETERANS ADMINISTRATION (G.I.BILL)	24	1	3		2	7	11
ALL OTHER U.S. GOVERNMENT AGENCIES	950	62	84	25	266	198	315
OTHER U.S. SOURCES	19,023	509	2,113	1,856	4,780	3,384	6,381
INSTITUTIONAL SUPPORT	10,374	246	1,639	1,193	2,834	1,673	2,789
SELF-SUPPORT	7,240	196	338	587	1,566	1,426	3,127
ALL OTHER U.S. SOURCES	1,409	67	136	76	380	285	465
FOREIGN SOURCES, TOTAL	273	28	26	22	80	17	100

TABLE C-15. FULL-TIME GRADUATE STUDENTS IN DOCTORATE DEPARTMENTS, BY SOURCE OF MAJOR SUPPORT AND AREA OF SCIENCE, 1972

SOURCE OF MAJOR SUPPORT	TOTAL	ENGI-NEERING	PHYSICAL SCIENCES	MATHE-MATICAL SCIENCES	LIFE SCIENCES	PSYCHOLOGY	SOCIAL SCIENCES
TOTAL, ALL SOURCES OF SUPPORT	149,937	30,908	27,544	11,909	34,083	14,282	31,211
ALL U.S. SOURCES, TOTAL	146,859	29,888	27,189	11,716	33,277	14,233	30,556
U.S. GOVERNMENT	45,029	11,246	9,687	1,908	12,037	4,691	5,460
ATOMIC ENERGY COMMISSION	1,784	525	1,075	52	131	1	
DEPARTMENT OF DEFENSE	4,771	3,074	1,103	249	60	81	204
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	17,988	1,589	1,783	395	8,121	3,351	2,709
NATIONAL DEFENSE EDUCATION ACT	3,083	414	598	206	617	244	1,004
NATIONAL INSTITUTES OF HEALTH	13,378	945	1,137	148	7,122	2,775	1,251
OTHER HEW	1,527	230	48	41	382	372	454
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	1,273	622	526	18	76	13	18
NATIONAL SCIENCE FOUNDATION	10,419	2,693	4,110	961	1,307	452	896
VETERANS ADMINISTRATION (G.I.BILL)	744	127	99	37	194	68	219
ALL OTHER U.S. GOVERNMENT AGENCIES	8,050	2,616	991	196	2,148	685	1,414
OTHER U.S. SOURCES	101,830	18,642	17,502	9,808	21,240	9,542	25,096
INSTITUTIONAL SUPPORT	57,884	8,341	13,349	6,543	12,852	4,989	11,770
SELF-SUPPORT	34,597	7,389	2,892	2,876	6,379	3,638	11,423
ALL OTHER U.S. SOURCES	9,349	2,912	1,261	389	1,969	915	1,903
FOREIGN SOURCES, TOTAL	3,078	1,020	355	193	806	49	655
				PERCENT DISTRIBUTION			
TOTAL, ALL SOURCES OF SUPPORT	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ALL U.S. SOURCES, TOTAL	97.9	96.7	98.7	98.4	97.6	99.7	97.9
U.S. GOVERNMENT	30.0	36.4	35.2	16.0	35.3	32.8	17.5
ATOMIC ENERGY COMMISSION	1.2	1.7	3.9	.4	.4	.0	.0
DEPARTMENT OF DEFENSE	3.2	9.9	4.0	2.1	.2	.6	.7
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	12.0	5.1	6.5	3.3	23.8	23.7	8.7
NATIONAL DEFENSE EDUCATION ACT	2.1	1.3	2.2	1.7	1.8	1.7	3.2
NATIONAL INSTITUTES OF HEALTH	8.9	3.1	4.1	1.2	20.9	19.4	4.0
OTHER HEW	1.0	.7	.2	[illegible]	1.1	2.6	1.5
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	.8	2.0	1.9	.2	.2	.1	.1
NATIONAL SCIENCE FOUNDATION	6.9	8.7	14.9	8.1	3.8	3.2	2.9
VETERANS ADMINISTRATION (G.I.BILL)	.5	.4	.4	.3	.6	.5	.7
ALL OTHER U.S. GOVERNMENT AGENCIES	5.4	8.5	3.6	1.6	6.3	4.8	4.5
OTHER U.S. SOURCES	67.9	60.3	63.5	82.4	62.3	66.8	80.4
INSTITUTIONAL SUPPORT	38.6	27.0	48.5	54.9	37.8	34.9	37.7
SELF-SUPPORT	23.1	23.9	10.5	24.1	18.7	25.5	36.6
ALL OTHER U.S. SOURCES	6.2	9.4	4.6	3.3	5.8	6.4	6.1
FOREIGN SOURCES, TOTAL	2.1	3.3	1.3	1.6	2.4	.3	2.1
				PERCENT OF TOTAL			
TOTAL, ALL SOURCES OF SUPPORT	100.0	20.6	18.3	7.9	22.7	9.5	20.8
ALL U.S. SOURCES, TOTAL	100.0	20.3	18.5	7.9	22.6	9.[illegible]	20.8
U.S. GOVERNMENT	100.0	24.9	21.5	4.2	26.7	10.4	12.1
ATOMIC ENERGY COMMISSION	100.0	29.4	60.2	2.9	7.3	.0	.0
DEPARTMENT OF DEFENSE	100.0	64.4	23.1	5.2	1.2	1.6	4.2
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	100.0	8.8	9.9	2.1	45.1	18.8	15.0
NATIONAL DEFENSE EDUCATION ACT	100.0	13.4	19.3	6.6	20.0	7.9	32.5
NATIONAL INSTITUTES OF HEALTH	100.0	7.0	8.4	1.1	53.2	20.7	9.3
OTHER HEW	100.0	15.0	3.1	2.6	25.0	24.3	29.7
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	100.0	48.8	41.3	1.4	5.9	1.0	1.4
NATIONAL SCIENCE FOUNDATION	100.0	25.8	39.4	9.2	12.5	4.3	8.5
VETERANS ADMINISTRATION (G.I.BILL)	100.0	17.0	13.3	4.9	26.0	9.1	29.4
ALL OTHER U.S. GOVERNMENT AGENCIES	100.0	32.4	12.3	2.4	26.6	8.5	17.5
OTHER U.S. SOURCES	100.0	18.3	17.1	9.6	20.8	9.3	24.6
INSTITUTIONAL SUPPORT	100.0	14.4	23.0	11.3	22.2	8.6	20.3
SELF-SUPPORT	100.0	21.3	8.3	8.3	18.4	10.5	33.0
ALL OTHER U.S. SOURCES	100.0	31.1	13.4	4.1	21.0	9.7	20.3
FOREIGN SOURCES, TOTAL	100.0	33.1	11.5	6.2	26.1	1.5	21.2

TABLE C-16. FULL-TIME GRADUATE STUDENTS IN DOCTORATE DEPARTMENTS, BY SOURCE AND TYPE OF MAJOR SUPPORT, 1972

SOURCE OF MAJOR SUPPORT	TOTAL	FELLOWSHIPS AND TRAINEESHIPS	RESEARCH ASSISTANTSHIPS	TEACHING ASSISTANTSHIPS	OTHER TYPES OF SUPPORT
TOTAL, ALL SOURCES OF SUPPORT	149,937	33,502	32,389	37,559	46,447
ALL U.S. SOURCES, TOTAL	146,859	31,809	32,263	37,559	45,188
U.S. GOVERNMENT	45,029	20,426	19,808	371	4,424
ATOMIC ENERGY COMMISSION	1,784	227	1,509		48
DEPARTMENT OF DEFENSE	4,771	215	2,615		1,941
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	17,988	13,807	3,825	150	206
NATIONAL DEFENSE EDUCATION ACT	3,083	3,002	56		25
NATIONAL INSTITUTES OF HEALTH	13,378	9,757	3,347	131	143
OTHER HEW	1,527	1,048	422	19	38
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	1,273	99	1,147		27
NATIONAL SCIENCE FOUNDATION	10,419	3,411	6,663	108	237
VETERANS ADMINISTRATION (G.I.BILL)	744				744
ALL OTHER U.S. GOVERNMENT AGENCIES	8,050	2,667	4,049	113	1,221
OTHER U.S. SOURCES	101,830	11,383	12,455	37,228	40,764
INSTITUTIONAL SUPPORT	57,884	7,901	9,806	37,033	3,144
SELF-SUPPORT	34,597				34,597
ALL OTHER U.S. SOURCES	9,349	3,482	2,649	195	3,023
FOREIGN SOURCES, TOTAL	3,078	1,693	126		1,259
PERCENT DISTRIBUTION					
TOTAL, ALL SOURCES OF SUPPORT	100.0	100.0	100.0	100.0	100.0
ALL U.S. SOURCES, TOTAL	97.9	94.9	99.6	100.0	97.3
U.S. GOVERNMENT	30.0	61.0	61.2	1.0	9.5
ATOMIC ENERGY COMMISSION	1.2	.7	4.7	.0	.1
DEPARTMENT OF DEFENSE	3.2	.6	8.1	.0	4.2
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	12.0	41.2	11.8	.4	.4
NATIONAL DEFENSE EDUCATION ACT	2.1	9.0	.2	.0	.1
NATIONAL INSTITUTES OF HEALTH	8.9	29.1	10.3	.3	.3
OTHER HEW	1.0	3.1	1.3	.1	.1
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	.8	.3	3.5	.0	.1
NATIONAL SCIENCE FOUNDATION	6.9	10.2	20.6	.3	.5
VETERANS ADMINISTRATION (G.I.BILL)	.5	.0	.0	.0	1.6
ALL OTHER U.S. GOVERNMENT AGENCIES	5.4	8.0	12.5	.3	2.6
OTHER U.S. SOURCES	67.9	34.0	38.5	99.0	87.8
INSTITUTIONAL SUPPORT	38.6	23.6	30.3	98.5	6.8
SELF-SUPPORT	23.1	.0	.0	.0	74.5
ALL OTHER U.S. SOURCES	6.2	10.4	8.2	.5	6.5
FOREIGN SOURCES, TOTAL	2.1	5.1	.4	.0	2.7
PERCENT OF TOTAL					
TOTAL, ALL SOURCES OF SUPPORT	100.0	22.3	21.6	25.0	30.9
ALL U.S. SOURCES, TOTAL	100.0	21.6	21.9	25.6	30.7
U.S. GOVERNMENT	100.0	45.3	43.9	.8	9.8
ATOMIC ENERGY COMMISSION	100.0	12.7	84.5	.0	2.6
DEPARTMENT OF DEFENSE	100.0	4.5	54.8	.0	40.6
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	100.0	76.7	21.2	.8	1.1
NATIONAL DEFENSE EDUCATION ACT	100.0	97.3	1.8	.0	.8
NATIONAL INSTITUTES OF HEALTH	100.0	72.9	25.0	.9	1.0
OTHER HEW	100.0	68.6	27.6	1.2	2.4
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	100.0	7.7	90.1	.0	2.1
NATIONAL SCIENCE FOUNDATION	100.0	32.7	63.9	1.0	2.2
VETERANS ADMINISTRATION (G.I.BILL)	100.0	.0	.0	.0	100.0
ALL OTHER U.S. GOVERNMENT AGENCIES	100.0	33.1	50.2	1.4	15.1
OTHER U.S. SOURCES	100.0	11.1	12.[illegible]	36.5	40.0
INSTITUTIONAL SUPPORT	100.0	13.6	1[illegible].9	63.9	5.4
SELF-SUPPORT	100.0	.0	.0	.0	100.0
ALL OTHER U.S. SOURCES	100.0	37.2	28.3	2.0	32.3
FOREIGN SOURCES, TOTAL	100.0	55.0	4.0	.0	40.9

TABLE C-17. FULL-TIME GRADUATE STUDENTS IN DOCTORATE DEPARTMENTS OF PUBLICLY-CONTROLLED INSTITUTIONS, BY SOURCE AND TYPE OF MAJOR SUPPORT, 1972

SOURCE OF MAJOR SUPPORT	TOTAL	FELLOWSHIPS AND TRAINEESHIPS	RESEARCH ASSISTANTSHIPS	TEACHING ASSISTANTSHIPS	OTHER TYPES OF SUPPORT
TOTAL, ALL SOURCES OF SUPPORT	107,457	18,917	24,291	30,409	33,840
ALL U.S. SOURCES, TOTAL	105,529	17,944	24,192	30,409	32,984
U.S. GOVERNMENT	29,904	12,411	13,589	290	3,614
ATOMIC ENERGY COMMISSION	1,255	152	1,058		45
DEPARTMENT OF DEFENSE	3,330	148	1,437		1,745
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	11,422	8,410	2,760	112	140
NATIONAL DEFENSE EDUCATION ACT	2,039	1,981	41		17
NATIONAL INSTITUTES OF HEALTH	8,288	5,693	2,406	96	93
OTHER HEW	1,095	736	313	16	30
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	781	49	709		23
NATIONAL SCIENCE FOUNDATION	6,295	1,759	4,304	85	147
VETERANS ADMINISTRATION (G.I.BILL)	553				553
ALL OTHER U.S. GOVERNMENT AGENCIES	6,268	1,893	3,321	93	961
OTHER U.S. SOURCES	75,625	5,533	10,603	30,119	29,370
INSTITUTIONAL SUPPORT	44,569	3,684	8,513	29,989	2,383
SELF-SUPPORT	24,994				24,994
ALL OTHER U.S. SOURCES	6,062	1,849	2,090	130	1,993
FOREIGN SOURCES, TOTAL	1,928	973	99		856
			PERCENT DISTRIBUTION		
TOTAL, ALL SOURCES OF SUPPORT	100.0	100.0	100.0	100.0	100.0
ALL U.S. SOURCES, TOTAL	98.2	94.9	99.6	100.0	97.5
U.S. GOVERNMENT	27.8	65.6	55.9	1.0	10.7
ATOMIC ENERGY COMMISSION	1.2	.8	4.4	.0	.1
DEPARTMENT OF DEFENSE	3.1	.8	5.9	.0	5.2
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	10.6	44.5	11.4	.4	.4
NATIONAL DEFENSE EDUCATION ACT	1.9	10.5	.2	.0	.1
NATIONAL INSTITUTES OF HEALTH	7.7	30.1	9.9	.3	.3
OTHER HEW	1.0	3.9	1.3	.1	.1
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	.7	.3	2.9	.0	.1
NATIONAL SCIENCE FOUNDATION	5.9	9.3	17.7	.3	.4
VETERANS ADMINISTRATION (G.I.BILL)	.5	.0	.0	.0	1.6
ALL OTHER U.S. GOVERNMENT AGENCIES	5.8	10.0	13.7	.3	2.8
OTHER U.S. SOURCES	70.4	29.2	43.6	99.0	86.8
INSTITUTIONAL SUPPORT	41.5	19.5	35.0	98.6	7.0
SELF-SUPPORT	23.3	.0	.0	.0	73.9
ALL OTHER U.S. SOURCES	5.6	9.8	8.6	.4	5.9
FOREIGN SOURCES, TOTAL	1.8	5.1	.4	.0	2.5
			PERCENT OF TOTAL		
TOTAL, ALL SOURCES OF SUPPORT	100.0	17.6	22.6	28.2	31.4
ALL U.S. SOURCES, TOTAL	100.0	17.0	22.9	28.8	31.2
U.S. GOVERNMENT	100.0	41.5	45.4	.9	12.0
ATOMIC ENERGY COMMISSION	100.0	12.1	84.3	.0	3.5
DEPARTMENT OF DEFENSE	100.0	4.4	43.1	.0	52.4
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	100.0	73.6	24.1	.9	1.2
NATIONAL DEFENSE EDUCATION ACT	100.0	97.1	2.0	.0	.8
NATIONAL INSTITUTES OF HEALTH	100.0	68.6	29.0	1.1	1.1
OTHER HEW	100.0	67.2	28.5	1.4	2.7
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	100.0	6.2	90.7	.0	2.9
NATIONAL SCIENCE FOUNDATION	100.0	27.9	68.3	1.3	2.3
VETERANS ADMINISTRATION (G.I.BILL)	100.0	.0	.0	.0	100.0
ALL OTHER U.S. GOVERNMENT AGENCIES	100.0	30.2	52.9	1.4	15.3
OTHER U.S. SOURCES	100.0	7.3	14.0	39.8	38.8
INSTITUTIONAL SUPPORT	100.0	8.2	19.1	67.2	5.3
SELF-SUPPORT	100.0	.0	.0	.0	100.0
ALL OTHER U.S. SOURCES	100.0	30.5	34.4	2.1	32.8
FOREIGN SOURCES, TOTAL	100.0	50.4	5.1	.0	44.3

TABLE C-18. FULL-TIME GRADUATE STUDENTS IN DOCTORATE DEPARTMENTS OF PRIVATELY-CONTROLLED INSTITUTIONS, BY SOURCE AND TYPE OF MAJOR SUPPORT, 1972

SOURCE OF MAJOR SUPPORT	TOTAL	FELLOWSHIPS AND TRAINEESHIPS	RESEARCH ASSISTANTSHIPS	TEACHING ASSISTANTSHIPS	OTHER TYPES OF SUPPORT
TOTAL, ALL SOURCES OF SUPPORT	42,480	14,585	8,098	7,190	12,607
ALL U.S. SOURCES, TOTAL	41,330	13,865	8,071	7,190	12,204
U.S. GOVERNMENT	15,125	8,015	6,219	81	810
ATOMIC ENERGY COMMISSION	529	75	451		3
DEPARTMENT OF DEFENSE	1,441	67	1,178		196
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	6,566	5,397	1,065	38	66
NATIONAL DEFENSE EDUCATION ACT	1,044	1,021	15		8
NATIONAL INSTITUTES OF HEALTH	5,090	4,064	941	35	50
OTHER HEW	432	312	109	3	8
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	492	50	438		4
NATIONAL SCIENCE FOUNDATION	4,124	1,652	2,359	23	90
VETERANS ADMINISTRATION (G.I.BILL)	191				191
ALL OTHER U.S. GOVERNMENT AGENCIES	1,782	774	728	20	260
OTHER U.S. SOURCES	26,205	5,850	1,852	7,109	11,394
INSTITUTIONAL SUPPORT	13,315	4,217	1,293	7,044	761
SELF-SUPPORT	9,603				9,603
ALL OTHER U.S. SOURCES	3,287	1,633	559	65	1,030
FOREIGN SOURCES, TOTAL	1,150	720	27		403
			PERCENT DISTRIBUTION		
TOTAL, ALL SOURCES OF SUPPORT	100.0	100.0	100.0	100.0	100.0
ALL U.S. SOURCES, TOTAL	97.3	95.1	99.7	100.0	96.8
U.S. GOVERNMENT	35.6	55.0	76.8	1.1	6.4
ATOMIC ENERGY COMMISSION	1.2	.5	5.6	.0	.0
DEPARTMENT OF DEFENSE	3.4	.5	14.5	.0	1.6
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	15.5	37.0	13.2	.5	.5
NATIONAL DEFENSE EDUCATION ACT	2.5	7.0	.2	.0	.1
NATIONAL INSTITUTES OF HEALTH	12.0	27.9	11.6	.5	.4
OTHER HEW	1.0	2.1	1.3	.0	.1
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	1.2	.3	5.4	.0	.0
NATIONAL SCIENCE FOUNDATION	9.7	11.3	29.1	.3	.7
VETERANS ADMINISTRATION (G.I.BILL)	.4	.0	.0	.0	1.5
ALL OTHER U.S. GOVERNMENT AGENCIES	4.2	5.3	9.0	.3	2.1
OTHER U.S. SOURCES	61.7	40.1	22.9	98.9	90.4
INSTITUTIONAL SUPPORT	31.3	28.9	16.0	98.0	6.0
SELF-SUPPORT	22.6	.0	.0	.0	76.2
ALL OTHER U.S. SOURCES	7.7	11.2	6.9	.9	8.2
FOREIGN SOURCES, TOTAL	2.7	4.9	.3	.0	3.2
			PERCENT OF TOTAL		
TOTAL, ALL SOURCES OF SUPPORT	100.0	34.3	19.0	16.9	29.6
ALL U.S. SOURCES, TOTAL	100.0	33.5	19.5	17.3	29.5
U.S. GOVERNMENT	100.0	52.9	41.1	.5	5.3
ATOMIC ENERGY COMMISSION	100.0	14.1	85.2	.0	.5
DEPARTMENT OF DEFENSE	100.0	4.6	81.7	.0	13.6
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, TOTAL	100.0	82.1	16.2	.5	1.0
NATIONAL DEFENSE EDUCATION ACT	100.0	97.7	1.4	.0	.7
NATIONAL INSTITUTES OF HEALTH	100.0	79.8	18.4	.6	.9
OTHER HEW	100.0	72.2	25.2	.6	1.8
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	100.0	10.1	89.0	.0	.8
NATIONAL SCIENCE FOUNDATION	100.0	40.0	57.2	.5	2.1
VETERANS ADMINISTRATION (G.I.BILL)	100.0	.0	.0	.0	100.0
ALL OTHER U.S. GOVERNMENT AGENCIES	100.0	43.4	40.8	1.1	14.5
OTHER U.S. SOURCES	100.0	22.3	7.0	27.1	43.4
INSTITUTIONAL SUPPORT	100.0	31.6	9.7	52.9	5.7
SELF-SUPPORT	100.0	.0	.0	.0	100.0
ALL OTHER U.S. SOURCES	100.0	49.6	17.0	1.9	31.3
FOREIGN SOURCES, TOTAL	100.0	62.6	2.3	.0	35.0

TABLE C-19. [illegible]-TIME GRADUATE STUDENTS IN DOCTORATE DEPARTMENTS SUPPORTED BY U.S. GOVERNMENT SOURCES, BY FIELD OF SCIENCE AND FEDERAL AGENCY, 1972

AREA AND FIELD OF SCIENCE	TOTAL	AEC	DEPT. OF DEFENSE	TOTAL HEW	HEW: NDEA	HEW: PHS (NIH) (NIMH)	HEW: OTHER HEW	NASA	NSF	VA (G.I. BILL)	OTHER U.S. GOVT.
TOTAL, ALL FIELDS OF SCIENCE........	45,029	1,784	4,771	17,988	3,083	13,378	1,527	1,273	10,419	744	8,050
ENGINEERING........................	11,246	525	3,074	1,589	414	945	230	622	2,693	127	2,616
AERONAUTICAL........................	707	6	385	21	15	5	1	139	90	2	64
AGRICULTURAL........................	101			7	5	1	1		10		84
CHEMICAL........................	1,017	84	69	190	65	76	49	27	433	10	199
CIVIL........................	1,902	8	195	303	30	184	89	31	312	21	1,032
ELECTRICAL........................	2,534	28	1,005	328	103	202	23	150	681	40	302
ENGINEERING SCIENCE........................	511	27	167	68	15	52	1	32	130	1	86
INDUSTRIAL........................	1,054	6	475	126	39	75	12	7	140	20	280
MECHANICAL........................	1,400	33	420	202	76	99	27	121	324	23	277
METALLURGICAL AND MATERIALS........	736	108	177	61	20	33	8	50	259	2	79
MINING........................	79		5	3	3			5	4		62
NUCLEAR........................	373	179	33	42	16	18	8	17	49	7	46
PETROLEUM........................	34		5	7	5	2			10		12
OTHER ENGINEERING........................	803	46	138	231	22	198	11	43	251	1	93
PHYSICAL SCIENCES........................	9,687	1,075	[illegible]	[illegible]	598	1,137	48	526	4,110	99	991
ASTRONOMY........................	213		5	16	16			48	129	6	9
ATMOSPHERIC SCIENCES........................	544	18	142	22	15	6	1	22	244	10	86
CHEMISTRY........................	3,548	306	183	1,361	265	1,055	41	36	1,480	12	170
GEOSCIENCES........................	1,156	29	99	94	88	3	3	140	521	32	241
OCEANOGRAPHY........................	653	10	142	26	17	8	1	3	231	10	231
PHYSICS........................	3,573	712	532	264	197	65	2	277	1,505	29	254
MATHEMATICAL SCIENCES........................	1,908	52	249	395	206	148	41	18	961	37	196
APPLIED MATHEMATICS........................	583	33	142	42	11	30	1	12	280	15	59
MATHEMATICS........................	1,003	19	56	199	165	8	26	4	613	19	93
STATISTICS........................	322		51	154	30	110	14	2	68	3	44
LIFE SCIENCES........................	12,037	131	60	8,121	617	7,122	382	76	1,307	194	2,148
AGRICULTURE........................	2,166	10	12	593	132	431	30	22	252	67	1,210
BIOCHEMISTRY........................	2,066	52	5	1,759	68	1,675	16	2	159	16	73
BIOLOGY........................	1,907	22	13	1,362	133	1,112	117	9	332	30	139
BOTANY........................	498	19		156	58	74	24	3	137	10	173
MICROBIOLOGY........................	1,091	4	5	918	44	849	25	4	78	8	74
PHARMACOLOGY........................	793			728	29	674	25		17	4	44
PHYSIOLOGY........................	757	2	8	644	23	608	13	9	34	6	54
ZOOLOGY........................	731	11	1	314	75	203	36	1	165	21	218
OTHER LIFE SCIENCES........................	2,028	11	16	1,647	55	1,496	96	26	133	32	163
PSYCHOLOGY........................	4,691	1	81	3,391	244	2,775	372	13	452	68	685
SOCIAL SCIENCES........................	5,460		204	2,709	1,004	1,251	454	18	896	219	1,414
AGRICULTURAL ECONOMICS........................	292			25	24		1	3	20	3	241
ANTHROPOLOGY........................	775			513	152	329	32		164	40	58
ECONOMICS (EXCEPT AGRICULTURAL)...	1,040		130	260	161	44	55		251	55	344
GEOGRAPHY........................	238		5	97	65	6	26	6	53	10	65
HISTORY AND PHILOSOPHY OF SCIENCE.	185		2	125	109	5	11		38	9	11
LINGUISTICS........................	585		1	321	107	85	129		75	36	152
POLITICAL SCIENCE........................	739		35	329	248	39	42	2	112	45	216
SOCIOLOGY........................	1,482		26	951	126	715	110	5	174	21	305
SOCIOLOGY AND ANTHROPOLOGY........	124		5	88	12	28	48		9		22

TABLE C-19. FULL-TIME GRADUATE STUDENTS IN DOCTORATE DEPARTMENTS SUPPORTED BY U.S. GOVERNMENT SOURCES, BY FIELD OF SCIENCE AND FEDERAL AGENCY, 1972 (CONTINUED)

AREA AND FIELD OF SCIENCE	TOTAL	AEC	DEPT. OF DEFENSE	HEW: TOTAL HEW	HEW: NDEA	HEW: PHS (NIH) (NIMH)	HEW: OTHER HEW	NASA	NSF	VA (G.I. BILL)	OTHER U.S. GOVT.
	PERCENT DISTRIBUTION										
TOTAL, ALL FIELDS OF SCIENCE	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ENGINEERING	25.0	29.4	64.4	8.8	13.4	7.1	15.1	48.9	25.8	17.1	32.5
AERONAUTICAL	1.6	.3	8.1	.1	.5	.0	.1	10.9	.9	.3	.8
AGRICULTURAL	.2	.0	.0	.0	.2	.0	.1	.0	.1	.0	1.0
CHEMICAL	2.2	4.7	1.4	1.1	2.1	.6	3.2	2.1	4.2	1.3	2.5
CIVIL	4.2	.4	4.1	1.7	1.0	1.4	5.8	2.4	3.0	2.8	12.8
ELECTRICAL	5.6	1.6	21.1	1.8	3.3	1.5	1.5	11.8	6.5	5.4	3.8
ENGINEERING SCIENCE	1.1	1.5	3.5	.4	.5	.4	.1	2.5	1.2	.1	1.1
INDUSTRIAL	2.3	.3	10.0	.7	1.3	.6	.8	.5	1.3	2.7	3.5
MECHANICAL	3.1	1.8	8.8	1.1	2.5	.7	1.8	9.5	3.1	3.1	3.4
METALLURGICAL AND MATERIALS	1.6	6.1	3.7	.3	.6	.2	.5	3.9	2.5	.3	1.0
MINING	.2	.0	.1	.0	.1	.0	.0	.4	.0	.0	.8
NUCLEAR	.8	10.0	.7	.2	.5	.1	.5	1.3	.5	.9	.6
PETROLEUM	.1	.0	.1	.0	.2	.0	.0	.0	.1	.0	.1
OTHER ENGINEERING	1.8	2.6	2.9	1.3	.7	1.5	.7	3.4	2.4	.1	1.2
PHYSICAL SCIENCES	21.5	60.3	23.1	9.9	19.4	8.5	3.1	41.3	39.4	13.3	12.3
ASTRONOMY	.5	.0	.1	.1	.5	.0	.0	3.8	1.2	.8	.1
ATMOSPHERIC SCIENCES	1.2	1.0	3.0	.1	.5	.0	.1	1.7	2.3	1.3	1.1
CHEMISTRY	7.9	17.2	3.8	7.6	8.6	7.9	2.7	2.8	14.2	1.6	2.1
GEOSCIENCES	2.6	1.6	2.1	.5	2.9	.0	.2	11.0	5.0	4.3	3.0
OCEANOGRAPHY	1.5	.6	3.0	.1	.6	.1	.1	.2	2.2	1.3	2.9
PHYSICS	7.9	39.9	11.2	1.5	6.4	.5	.1	21.8	14.4	3.9	3.2
MATHEMATICAL SCIENCES	4.2	2.9	5.2	2.2	6.7	1.1	2.7	1.4	9.2	5.0	2.4
APPLIED MATHEMATICS	1.3	1.8	3.0	.2	.4	.2	.1	.9	2.7	2.0	.7
MATHEMATICS	2.2	1.1	1.2	1.1	5.4	.1	1.7	.3	5.9	2.6	1.2
STATISTICS	.7	.0	1.1	.9	1.0	.8	.9	.2	.7	.4	.5
LIFE SCIENCES	26.7	7.3	1.3	45.1	20.0	53.2	25.0	6.0	12.5	26.1	26.7
AGRICULTURE	4.8	.6	.3	3.3	4.3	3.2	2.0	1.7	2.4	9.0	15.0
BIOCHEMISTRY	4.6	2.9	.1	9.8	2.2	12.5	1.0	.2	1.5	2.2	.9
BIOLOGY	4.2	1.2	.3	7.6	4.3	8.3	7.7	.7	3.2	4.0	1.7
BOTANY	1.1	1.1	.0	.9	1.9	.6	1.6	.2	1.3	1.3	2.1
MICROBIOLOGY	2.4	.2	.1	5.1	1.4	6.3	1.6	.3	.7	1.1	.9
PHARMACOLOGY	1.8	.0	.0	4.0	.9	5.0	1.6	.0	.2	.5	.5
PHYSIOLOGY	1.7	.1	.2	3.6	.7	4.5	.9	.7	.3	.8	.7
ZOOLOGY	1.6	.6	.0	1.7	2.4	1.5	2.4	.1	1.6	2.8	2.7
OTHER LIFE SCIENCES	4.5	.6	.3	9.2	1.8	11.2	6.3	2.0	1.3	4.3	2.0
PSYCHOLOGY	10.4	.1	1.7	18.[illegible]	7.9	20.7	24.4	1.0	4.3	9.1	8.5
SOCIAL SCIENCES	12.1	.0	4.3	15.1	32.6	9.4	29.7	1.4	8.6	29.4	17.6
AGRICULTURAL ECONOMICS	.6	.0	.0	.1	.8	.0	.1	.2	.2	.4	3.0
ANTHROPOLOGY	1.7	.0	.0	2.9	4.9	2.5	2.1	.0	1.6	5.4	.7
ECONOMICS (EXCEPT AGRICULTURAL)	2.3	.0	2.7	1.4	5.2	.3	3.6	.0	2.4	7.4	4.3
GEOGRAPHY	.5	.0	.1	.5	2.1	.0	1.7	.6	.5	1.3	.8
HISTORY AND PHILOSOPHY OF SCIENCE	.4	.0	.0	.7	3.5	.0	.7	.0	.4	1.2	.1
LINGUISTICS	1.3	.0	.0	1.8	3.5	.6	8.4	.0	.7	4.8	1.9
POLITICAL SCIENCE	1.6	.0	.7	1.8	8.0	.3	2.8	.2	1.1	6.0	2.7
SOCIOLOGY	3.3	.0	.5	5.3	4.1	5.3	7.2	.4	1.7	2.8	3.8
SOCIOLOGY AND ANTHROPOLOGY	.3	.0	.1	.5	.4	.2	3.1	.0	.1	.0	.3

TABLE C-19. FULL-TIME GRADUATE STUDENTS IN DOCTORATE DEPARTMENTS SUPPORTED BY U.S. GOVERNMENT SOURCES, BY FIELD OF SCIENCE AND FEDERAL AGENCY, 1972 (CONTINUED)

AREA AND FIELD OF SCIENCE	TOTAL	AEC	DEPT. OF DEFENSE	TOTAL HEW	HEW: NDEA	HEW: PHS (NIH) (NIMH)	HEW: OTHER HEW	NASA	NSF	VA (G.I. BILL)	OTHER U.S. GOVT.
	PERCENT OF TOTAL										
TOTAL, ALL FIELDS OF SCIENCE........	100.0	3.9	10.5	39.9	6.8	29.7	3.3	2.8	23.1	1.6	17.8
ENGINEERING........................	100.0	4.6	27.3	14.1	3.6	8.4	2.0	5.5	23.9	1.1	23.2
AERONAUTICAL........................	100.0	.8	54.4	2.9	2.1	.7	.1	19.6	12.7	.2	9.0
AGRICULTURAL........................	100.0	.0	.0	6.9	4.9	.9	.9	.0	9.9	.0	83.1
CHEMICAL........................	100.0	8.3	6.8	18.7	6.4	7.5	4.8	2.6	42.7	.9	19.6
CIVIL........................	100.0	.4	10.2	15.9	1.5	9.6	4.6	1.6	16.4	1.1	54.2
ELECTRICAL........................	100.0	1.1	39.6	12.9	4.0	7.9	.9	5.9	26.8	1.5	11.9
ENGINEERING SCIENCE................	100.0	5.2	32.6	13.3	2.9	10.1	.1	6.2	25.4	.1	16.8
INDUSTRIAL........................	100.0	.5	45.0	11.9	3.7	7.1	1.1	.6	13.2	1.8	26.5
MECHANICAL........................	100.0	2.3	30.0	14.4	5.4	7.0	1.9	8.6	23.1	1.6	19.7
METALLURGICAL AND MATERIALS........	100.0	14.6	24.0	8.2	2.7	4.4	1.0	6.7	35.1	.2	10.7
MINING........................	100.0	.0	6.3	3.7	3.7	.0	.0	6.3	5.0	.0	78.4
NUCLEAR........................	100.0	47.9	8.8	11.2	4.2	4.8	2.1	4.5	13.1	1.8	12.3
PETROLEUM........................	100.0	.0	14.7	20.5	14.7	5.8	.0	.0	29.4	.0	35.2
OTHER ENGINEERING..................	100.0	5.7	17.1	28.7	2.7	24.6	1.3	5.3	31.2	.1	11.5
PHYSICAL SCIENCES..................	100.0	11.0	11.3	18.4	6.1	11.7	.4	5.4	42.4	1.0	10.2
ASTRONOMY........................	100.0	.0	2.3	7.5	7.5	.0	.0	22.5	60.5	2.8	4.2
ATMOSPHERIC SCIENCES...............	100.0	3.3	26.1	4.0	2.7	1.1	.1	4.0	44.8	1.8	15.8
CHEMISTRY........................	100.0	8.6	5.1	38.3	7.4	29.7	1.1	1.0	41.7	.3	4.7
GEOSCIENCES........................	100.0	2.5	8.5	8.1	7.6	.2	.2	12.1	45.0	2.7	20.8
OCEANOGRAPHY........................	100.0	1.5	21.7	3.9	2.6	1.2	.1	.4	35.3	1.5	35.3
PHYSICS........................	100.0	19.9	14.8	7.3	5.5	1.8	.0	7.7	42.1	.8	7.1
MATHEMATICAL SCIENCES..............	100.0	2.7	13.0	20.7	10.7	7.7	2.1	.9	50.3	1.9	10.2
APPLIED MATHEMATICS................	100.0	5.6	24.3	7.2	1.8	5.1	.1	2.0	48.0	2.5	10.1
MATHEMATICS........................	100.0	1.8	5.5	19.8	16.4	.7	2.5	.3	61.1	1.8	9.2
STATISTICS........................	100.0	.0	15.8	47.8	9.3	34.1	4.3	.6	21.1	.9	13.6
LIFE SCIENCES........................	100.0	1.0	.4	67.4	5.1	59.1	3.1	.6	10.8	1.6	17.8
AGRICULTURE........................	100.0	.4	.5	27.3	6.0	19.8	1.3	1.0	11.8	3.0	55.8
BIOCHEMISTRY........................	100.0	2.5	.2	85.1	3.2	81.0	.7	.0	7.8	.7	3.5
BIOLOGY........................	100.0	1.1	.6	71.4	6.9	58.3	6.1	.4	17.4	1.5	7.2
BOTANY........................	100.0	3.8	.0	31.3	11.6	14.8	4.8	.6	27.5	2.0	34.7
MICROBIOLOGY........................	100.0	.3	.4	84.1	4.0	77.8	2.2	.3	7.1	.7	6.7
PHARMACOLOGY........................	100.0	.0	.0	91.8	3.6	84.9	3.1	.0	2.1	.5	5.5
PHYSIOLOGY........................	100.0	.2	1.0	85.0	3.0	80.3	1.7	1.1	4.4	.7	7.1
ZOOLOGY........................	100.0	1.5	.1	42.9	10.2	27.7	4.9	.1	22.5	2.8	29.8
OTHER LIFE SCIENCES................	100.0	.5	.7	81.2	2.7	73.7	4.7	1.2	6.5	1.5	8.0
PSYCHOLOGY........................	100.0	.0	1.7	72.2	5.2	59.1	7.9	.2	9.6	1.4	14.6
SOCIAL SCIENCES........................	100.0	.0	3.7	49.6	18.3	22.9	8.3	.3	16.4	4.0	25.8
AGRICULTURAL ECONOMICS.............	100.0	.0	.0	8.5	8.2	.0	.3	1.0	6.8	1.0	82.5
ANTHROPOLOGY........................	100.0	.0	.0	66.1	19.6	42.4	4.1	.0	21.1	5.1	7.4
ECONOMICS (EXCEPT AGRICULTURAL)...	100.0	.0	12.5	25.0	15.4	4.2	5.2	.0	24.1	5.2	33.0
GEOGRAPHY........................	100.0	.0	2.1	40.7	27.3	2.5	10.9	3.3	22.2	4.2	27.3
HISTORY AND PHILOSOPHY OF SCIENCE.	100.0	.0	1.0	67.5	58.9	2.7	5.9	.0	20.5	4.8	5.9
LINGUISTICS........................	100.0	.0	.1	54.8	18.2	14.5	22.0	.0	12.8	6.1	25.9
POLITICAL SCIENCE..................	100.0	.0	4.7	44.5	33.5	5.2	5.6	.2	15.1	6.0	29.2
SOCIOLOGY........................	100.0	.0	1.7	64.1	8.5	48.2	7.4	.3	11.7	1.4	20.5
SOCIOLOGY AND ANTHROPOLOGY.........	100.0	.0	4.0	70.9	9.6	22.5	38.7	.0	7.2	.0	17.7

TABLE C-20. FULL-TIME GRADUATE STUDENTS IN DOCTORATE DEPARTMENTS SUPPORTED BY NON-U.S. GOVERNMENT SOURCES, BY FIELD OF SCIENCE, 1972

AREA AND FIELD OF SCIENCE	TOTAL	INSTITUTIONAL SUPPORT	SELF-SUPPORT	ALL OTHER U.S. SOURCES	FOREIGN SOURCES
TOTAL, ALL FIELDS OF SCIENCE	104,908	57,884	34,597	9,349	3,078
ENGINEERING	19,662	8,341	7,389	2,912	1,020
AERONAUTICAL	620	383	151	58	28
AGRICULTURAL	295	177	54	24	40
CHEMICAL	1,969	923	440	496	110
CIVIL	3,044	1,172	1,359	321	192
ELECTRICAL	4,852	2,063	2,040	550	199
ENGINEERING SCIENCE	723	478	139	87	19
INDUSTRIAL	1,999	757	986	138	118
MECHANICAL	2,685	1,154	1,024	377	130
METALLURGICAL AND MATERIALS	852	352	208	255	37
MINING	179	101	28	37	13
NUCLEAR	551	251	220	46	34
PETROLEUM	170	64	25	34	47
OTHER ENGINEERING	1,723	466	715	489	53
PHYSICAL SCIENCES	17,857	13,349	2,892	1,261	355
ASTRONOMY	306	200	72	28	6
ATMOSPHERIC SCIENCES	277	156	66	35	20
CHEMISTRY	8,241	6,819	721	598	103
GEOSCIENCES	2,995	1,710	940	231	114
OCEANOGRAPHY	520	216	212	81	11
PHYSICS	5,518	4,248	881	288	101
MATHEMATICAL SCIENCES	10,001	6,543	2,876	389	193
APPLIED MATHEMATICS	1,859	850	781	174	54
MATHEMATICS	7,211	5,163	1,788	154	106
STATISTICS	931	530	307	61	33
LIFE SCIENCES	22,046	12,892	6,379	1,969	806
AGRICULTURE	5,294	2,823	1,378	682	411
BIOCHEMISTRY	1,530	1,001	360	138	31
BIOLOGY	4,994	3,056	1,545	357	36
BOTANY	1,803	1,198	414	94	97
MICROBIOLOGY	1,348	792	418	101	37
PHARMACOLOGY	968	591	224	110	43
PHYSIOLOGY	953	447	388	94	24
ZOOLOGY	2,548	1,703	706	124	15
OTHER LIFE SCIENCES	2,608	1,281	946	269	112
PSYCHOLOGY	9,591	4,989	3,638	915	49
SOCIAL SCIENCES	25,751	11,770	11,423	1,903	655
AGRICULTURAL ECONOMICS	805	506	174	72	53
ANTHROPOLOGY	3,082	1,158	1,690	191	43
ECONOMICS (EXCEPT AGRICULTURAL)	5,501	2,663	2,208	377	253
GEOGRAPHY	1,503	847	521	109	26
HISTORY AND PHILOSOPHY OF SCIENCE	1,727	979	638	102	8
LINGUISTICS	1,296	646	525	88	37
POLITICAL SCIENCE	5,951	2,447	3,022	377	105
SOCIOLOGY	5,462	2,300	2,463	575	124
SOCIOLOGY AND ANTHROPOLOGY	426	224	182	12	6

TABLE C-20. FULL-TIME GRADUATE STUDENTS IN DOCTORATE DEPARTMENTS SUPPORTED BY NON-U.S. GOVERNMENT SOURCES, BY FIELD OF SCIENCE, 1972 (CONTINUED)

AREA AND FIELD OF SCIENCE	TOTAL	INSTITUTIONAL SUPPORT	SELF-SUPPORT	ALL OTHER U.S. SOURCES	FOREIGN SOURCES
	PERCENT DISTRIBUTION				
TOTAL, ALL FIELDS OF SCIENCE	100.0	100.0	100.0	100.0	100.0
ENGINEERING	18.7	14.4	21.4	31.1	33.1
AERONAUTICAL	.6	.7	.4	.6	.9
AGRICULTURAL	.3	.3	.2	.3	1.3
CHEMICAL	1.9	1.6	1.3	5.3	3.6
CIVIL	2.9	2.0	3.9	3.4	6.2
ELECTRICAL	4.6	3.6	5.9	5.9	6.5
ENGINEERING SCIENCE	.7	.8	.4	.9	.6
INDUSTRIAL	1.9	1.3	2.8	1.5	3.8
MECHANICAL	2.6	2.0	3.0	4.0	4.2
METALLURGICAL AND MATERIALS	.8	.6	.6	2.7	1.2
MINING	.2	.2	.1	.4	.4
NUCLEAR	.5	.4	.6	.5	1.1
PETROLEUM	.2	.1	.1	.4	1.5
OTHER ENGINEERING	1.6	.8	2.1	5.2	1.7
PHYSICAL SCIENCES	17.0	23.1	8.4	13.5	11.5
ASTRONOMY	.3	.3	.2	.3	.2
ATMOSPHERIC SCIENCES	.3	.3	.2	.4	.6
CHEMISTRY	7.9	11.8	2.1	6.4	3.3
GEOSCIENCES	2.9	3.0	2.7	2.5	3.7
OCEANOGRAPHY	.5	.4	.6	.9	.4
PHYSICS	5.3	7.3	2.5	3.1	3.3
MATHEMATICAL SCIENCES	9.5	11.3	8.3	[illegible]	6.3
APPLIED MATHEMATICS	1.8	1.5	2.3	1.9	1.8
MATHEMATICS	6.9	8.9	5.2	1.6	3.4
STATISTICS	.9	.9	.9	.7	1.1
LIFE SCIENCES	21.0	22.3	18.4	21.1	26.2
AGRICULTURE	5.0	4.9	4.0	7.3	13.4
BIOCHEMISTRY	1.5	1.7	1.0	1.5	1.0
BIOLOGY	4.8	5.3	4.5	3.8	1.2
BOTANY	1.7	2.1	1.2	1.0	3.2
MICROBIOLOGY	1.3	1.4	1.2	1.1	1.2
PHARMACOLOGY	.9	1.0	.6	1.2	1.4
PHYSIOLOGY	.9	.8	1.1	1.0	.8
ZOOLOGY	2.4	2.9	2.0	1.3	.5
OTHER LIFE SCIENCES	2.5	2.2	2.7	2.9	3.6
PSYCHOLOGY	9.1	8.6	10.5	9.8	1.6
SOCIAL SCIENCES	24.5	20.3	33.0	20.4	21.5
AGRICULTURAL ECONOMICS	.8	.9	.5	.8	1.7
ANTHROPOLOGY	2.9	2.0	4.9	2.0	1.4
ECONOMICS (EXCEPT AGRICULTURAL)	5.2	4.6	6.4	4.0	8.2
GEOGRAPHY	1.4	1.5	1.5	1.2	.8
HISTORY AND PHILOSOPHY OF SCIENCE	1.6	1.7	1.8	1.1	.3
LINGUISTICS	1.2	1.1	1.5	.9	1.2
POLITICAL SCIENCE	5.7	4.2	8.7	4.0	3.4
SOCIOLOGY	5.2	4.0	7.1	6.2	4.0
SOCIOLOGY AND ANTHROPOLOGY	.4	.4	.5	.1	.2

TABLE C-20. FULL-TIME GRADUATE STUDENTS IN DOCTORATE DEPARTMENTS SUPPORTED BY NON-U.S. GOVERNMENT SOURCES, BY FIELD OF SCIENCE, 1972 (CONTINUED)

AREA AND FIELD OF SCIENCE	TOTAL	INSTITUTIONAL SUPPORT	SELF-SUPPORT	ALL OTHER U.S. SOURCES	FOREIGN SOURCES
	PERCENT OF TOTAL				
TOTAL, ALL FIELDS OF SCIENCE	100.0	55.1	32.9	8.9	2.9
ENGINEERING	100.0	42.4	37.5	14.8	5.1
AERONAUTICAL	100.0	61.7	24.3	9.5	4.5
AGRICULTURAL	100.0	60.0	18.3	8.1	13.5
CHEMICAL	100.0	46.8	22.3	25.1	5.5
CIVIL	100.0	38.5	44.6	10.5	6.3
ELECTRICAL	100.0	42.5	42.0	11.3	4.1
ENGINEERING SCIENCE	100.0	66.1	19.2	12.0	2.6
INDUSTRIAL	100.0	37.8	49.3	6.9	5.9
MECHANICAL	100.0	42.9	38.1	14.0	4.8
METALLURGICAL AND MATERIALS	100.0	41.3	24.4	29.9	4.3
MINING	100.0	56.4	15.6	20.6	7.2
NUCLEAR	100.0	45.5	39.9	8.3	6.1
PETROLEUM	100.0	37.6	14.7	20.0	27.6
OTHER ENGINEERING	100.0	27.0	41.4	28.3	3.0
PHYSICAL SCIENCES	100.0	74.7	16.1	7.0	1.5
ASTRONOMY	100.0	65.3	23.5	9.1	1.9
ATMOSPHERIC SCIENCES	100.0	56.3	23.8	12.6	7.2
CHEMISTRY	100.0	82.7	8.7	7.2	1.2
GEOSCIENCES	100.0	57.0	31.3	7.7	3.8
OCEANOGRAPHY	100.0	41.5	40.7	15.5	2.1
PHYSICS	100.0	76.9	15.9	5.2	1.8
MATHEMATICAL SCIENCES	100.0	65.4	28.7	3.8	1.9
APPLIED MATHEMATICS	100.0	45.7	42.0	9.3	2.9
MATHEMATICS	100.0	71.5	24.7	2.1	1.4
STATISTICS	100.0	56.9	32.9	6.5	3.5
LIFE SCIENCES	100.0	58.4	28.9	8.9	3.6
AGRICULTURE	100.0	53.3	26.0	12.8	7.7
BIOCHEMISTRY	100.0	65.4	23.5	9.0	2.0
BIOLOGY	100.0	61.1	30.9	7.1	.7
BOTANY	100.0	66.4	22.9	5.2	5.3
MICROBIOLOGY	100.0	58.7	31.0	7.4	2.7
PHARMACOLOGY	100.0	61.0	23.1	11.3	4.4
PHYSIOLOGY	100.0	46.9	40.7	9.8	2.5
ZOOLOGY	100.0	66.8	27.7	4.8	.5
OTHER LIFE SCIENCES	100.0	49.1	36.2	10.3	4.2
PSYCHOLOGY	100.0	52.0	37.9	9.5	.5
SOCIAL SCIENCES	100.0	45.7	44.3	7.3	2.5
AGRICULTURAL ECONOMICS	100.0	62.8	21.6	8.9	6.5
ANTHROPOLOGY	100.0	37.5	54.8	6.1	1.3
ECONOMICS (EXCEPT AGRICULTURAL)	100.0	48.4	40.1	6.8	4.5
GEOGRAPHY	100.0	56.3	34.6	7.2	1.7
HISTORY AND PHILOSOPHY OF SCIENCE	100.0	56.6	36.9	5.9	.4
LINGUISTICS	100.0	49.8	40.5	6.7	2.8
POLITICAL SCIENCE	100.0	41.1	50.7	6.3	1.7
SOCIOLOGY	100.0	42.1	45.0	10.5	2.2
SOCIOLOGY AND ANTHROPOLOGY	100.0	52.8	42.9	2.8	1.4

TABLE C-21. POSTDOCTORALS IN DOCTORATE DEPARTMENTS, BY FIELD OF SCIENCE, 1971 AND 1972*

AREA AND FIELD OF SCIENCE	FALL 1971				FALL 1972			
	TOTAL POSTDOCTORALS		RECENT DOCTORALS		TOTAL POSTDOCTORALS		RECENT DOCTORALS	
	NUMBER	PERCENT DISTRIBUTION	NUMBER	PERCENT OF TOTAL	NUMBER	PERCENT DISTRIBUTION	NUMBER	PERCENT OF TOTAL
TOTAL, ALL FIELDS OF SCIENCE..........	12,506	100.0	9,030	72.2	13,557	100.0	9,798	72.3
ENGINEERING..........................	974	7.8	656	67.4	1,053	7.8	741	70.4
AERONAUTICAL.........................	45	.4	35	77.8	47	.3	30	63.8
AGRICULTURAL.........................	13	.1	5	38.5	15	.1	9	60.0
CHEMICAL.............................	167	1.3	84	50.3	211	1.6	127	60.2
CIVIL................................	97	.8	53	54.6	90	.7	57	63.3
ELECTRICAL...........................	140	1.1	109	77.9	153	1.1	121	79.1
ENGINEERING SCIENCE..................	75	.6	61	81.3	89	.7	66	74.2
INDUSTRIAL...........................	22	.2	12	54.5	18	.1	9	50.0
MECHANICAL...........................	104	.8	59	56.7	111	.8	76	68.5
METALLURGICAL AND MATERIALS..........	128	1.0	100	78.1	133	1.0	102	76.7
MINING...............................	8	.1	8	100.0	7	.1	7	100.0
NUCLEAR..............................	8	.1	6	75.0	12	.1	8	66.7
PETROLEUM............................	7	.1	3	42.9	9	.1	2	22.2
OTHER ENGINEERING....................	160	1.3	121	75.6	158	1.2	127	80.4
PHYSICAL SCIENCES....................	4,022	32.2	3,209	79.8	4,320	31.9	3,472	80.4
ASTRONOMY............................	62	.5	36	58.1	60	.4	40	66.7
ATMOSPHERIC SCIENCES.................	57	.5	27	47.4	41	.3	31	75.6
CHEMISTRY............................	2,288	18.3	1,946	85.1	2,437	18.0	2,089	85.7
GEOSCIENCES..........................	202	1.6	135	66.8	269	2.0	149	55.4
OCEANOGRAPHY.........................	24	.2	21	87.5	42	.3	33	78.6
PHYSICS..............................	1,389	11.1	1,044	75.2	1,471	10.9	1,130	76.8
MATHEMATICAL SCIENCES................	261	2.1	153	58.6	226	1.7	119	52.7
APPLIED MATHEMATICS..................	32	.3	17	53.1	40	.3	27	67.5
MATHEMATICS..........................	191	1.5	107	56.0	134	1.0	63	47.0
STATISTICS...........................	38	.3	29	76.3	52	.4	29	55.8
LIFE SCIENCES........................	6,505	52.0	4,564	70.2	7,106	52.4	4,915	69.2
AGRICULTURE..........................	455	3.6	288	63.3	526	3.9	356	67.7
BIOCHEMISTRY.........................	1,266	10.1	1,078	85.2	1,330	9.8	1,075	80.8
BIOLOGY..............................	1,079	8.6	840	77.8	1,073	7.9	827	77.1
BOTANY...............................	151	1.2	114	75.5	160	1.2	125	78.1
MICROBIOLOGY.........................	421	3.4	330	78.4	456	3.4	352	77.2
PHARMACOLOGY.........................	451	3.6	346	76.7	520	3.8	386	74.2
PHYSIOLOGY...........................	412	3.3	321	77.9	428	3.2	328	76.6
ZOOLOGY..............................	216	1.7	110	50.9	213	1.6	138	64.8
OTHER LIFE SCIENCES..................	2,054	16.4	1,137	55.4	2,400	17.7	1,328	55.3
PSYCHOLOGY...........................	464	3.7	293	63.1	461	3.4	304	65.9
SOCIAL SCIENCES......................	280	2.2	155	55.4	391	2.9	247	63.2
AGRICULTURAL ECONOMICS...............	8	.1	5	62.5	18	.1	14	77.8
ANTHROPOLOGY.........................	56	.4	11	19.6	80	.6	25	31.3
ECONOMICS (EXCEPT AGRICULTURAL)......	47	.4	24	51.1	41	.3	21	51.2
GEOGRAPHY............................	25	.2	23	92.0	27	.2	24	88.9
HISTORY AND PHILOSOPHY OF SCIENCE...	13	.1	6	46.2	14	.1	7	50.0
LINGUISTICS..........................	67	.5	52	77.6	86	.6	71	82.6
POLITICAL SCIENCE....................	17	.1	6	35.3	48	.4	33	68.8
SOCIOLOGY............................	35	.3	17	48.6	66	.5	41	62.1
SOCIOLOGY AND ANTHROPOLOGY...........	12	.1	11	91.7	11	.1	11	100.0

* AS REPORTED IN 1972.

TABLE D-1. GRADUATE STUDENTS IN ALL GRADUATE DEPARTMENTS REPORTING CONSISTENTLY FOR FOUR YEARS, BY AREA OF SCIENCE, LEVEL OF STUDY, AND ENROLLMENT STATUS, 1969-72

AREA OF SCIENCE	NUMBER 1969	NUMBER 1970	NUMBER 1971	NUMBER 1972	PERCENT CHANGE 1969-70	PERCENT CHANGE 1970-71	PERCENT CHANGE 1971-72
ALL GRADUATE STUDENTS							
TOTAL	167,431	166,910	163,362	157,360	-.3	-2.1	-3.7
ENGINEERING	44,638	44,124	42,502	39,479	-1.2	-3.7	-7.1
PHYSICAL SCIENCES	33,491	32,430	30,659	28,975	-3.2	-5.5	-5.5
MATHEMATICAL SCIENCES	15,999	16,114	15,178	14,592	.7	-5.8	-3.9
LIFE SCIENCES	25,460	25,850	25,769	25,195	1.5	-.3	-2.2
PSYCHOLOGY	13,579	13,642	14,085	14,701	.5	3.2	4.4
SOCIAL SCIENCES	34,264	34,750	35,169	34,418	1.4	1.2	-2.1
FIRST YEAR, TOTAL	59,947	57,945	54,020	50,290	-3.3	-6.8	-6.9
ENGINEERING	19,245	19,103	17,587	15,905	-.7	-7.9	-9.6
PHYSICAL SCIENCES	9,371	8,312	7,620	7,194	-11.3	-8.3	-5.6
MATHEMATICAL SCIENCES	6,352	6,025	5,476	5,192	-5.1	-9.1	-5.2
LIFE SCIENCES	7,890	7,822	7,426	7,342	-.9	-5.1	-1.1
PSYCHOLOGY	4,271	4,152	3,898	3,951	-2.8	-6.1	1.4
SOCIAL SCIENCES	12,818	12,531	12,013	10,706	-2.2	-4.1	-10.9
BEYOND FIRST YEAR, TOTAL	107,484	108,965	109,342	107,070	1.4	.3	-2.1
ENGINEERING	25,393	25,021	24,915	23,574	-1.5	-.4	-5.4
PHYSICAL SCIENCES	24,120	24,118	23,039	21,781	□	-4.5	-5.5
MATHEMATICAL SCIENCES	9,647	10,089	9,702	9,400	4.6	-3.8	-3.1
LIFE SCIENCES	17,570	18,028	18,343	17,853	2.6	1.7	-2.7
PSYCHOLOGY	9,308	9,490	10,187	10,750	2.0	7.3	5.5
SOCIAL SCIENCES	21,446	22,219	23,156	23,712	3.6	4.2	2.4
FULL-TIME STUDENTS							
TOTAL	129,332	129,875	128,675	124,381	.4	-.9	-3.3
ENGINEERING	27,659	28,495	28,198	26,562	3.0	-1.0	-5.8
PHYSICAL SCIENCES	29,318	28,442	27,245	25,776	-3.0	-4.2	-5.4
MATHEMATICAL SCIENCES	11,781	11,991	11,563	10,953	1.8	-3.6	-5.3
LIFE SCIENCES	22,644	22,746	22,945	22,246	.5	.9	-3.0
PSYCHOLOGY	11,659	11,780	12,312	12,797	1.0	4.5	3.9
SOCIAL SCIENCES	26,271	26,421	26,412	26,047	.6	□	-1.4
FIRST YEAR, TOTAL	43,667	42,954	41,147	39,135	-1.6	-4.2	-4.9
ENGINEERING	10,943	11,588	11,105	10,622	5.9	-4.2	-4.3
PHYSICAL SCIENCES	7,970	7,284	6,826	6,513	-8.6	-6.3	-4.6
MATHEMATICAL SCIENCES	4,461	4,313	3,956	3,610	-3.3	-8.3	-8.7
LIFE SCIENCES	7,057	6,929	6,753	6,518	-1.8	-2.5	-3.5
PSYCHOLOGY	3,647	3,492	3,492	3,538	-4.3	□	1.3
SOCIAL SCIENCES	9,589	9,348	9,015	8,334	-2.5	-3.6	-7.6
BEYOND FIRST YEAR, TOTAL	85,665	86,921	87,528	85,246	1.5	.7	-2.6
ENGINEERING	16,716	16,907	17,093	15,940	1.1	1.1	-6.7
PHYSICAL SCIENCES	21,348	21,158	20,419	19,263	-.9	-3.5	-5.7
MATHEMATICAL SCIENCES	7,320	7,678	7,607	7,343	4.9	-.9	-3.5
LIFE SCIENCES	15,587	15,817	16,192	15,728	1.5	2.4	-2.9
PSYCHOLOGY	8,012	8,288	8,820	9,259	3.4	6.4	5.0
SOCIAL SCIENCES	16,682	17,073	17,397	17,713	2.3	1.9	1.8
PART-TIME STUDENTS							
TOTAL	38,099	37,035	34,687	32,979	-2.8	-6.3	-4.9
ENGINEERING	16,979	15,629	14,304	12,917	-8.0	-8.5	-9.7
PHYSICAL SCIENCES	4,173	3,988	3,414	3,199	-4.4	-14.4	-6.3
MATHEMATICAL SCIENCES	4,218	4,123	3,615	3,639	-2.3	-12.3	.7
LIFE SCIENCES	2,816	3,104	2,824	2,949	10.2	-9.0	4.4
PSYCHOLOGY	1,920	1,862	1,773	1,904	-3.0	-4.8	7.4
SOCIAL SCIENCES	7,993	8,329	8,757	8,371	4.2	5.1	-4.4
FIRST YEAR, TOTAL	16,280	14,991	12,873	11,155	-7.9	-14.1	-13.3
ENGINEERING	8,302	7,515	6,482	5,283	-9.5	-13.7	-18.5
PHYSICAL SCIENCES	1,401	1,028	794	681	-26.6	-22.8	-14.2
MATHEMATICAL SCIENCES	1,891	1,712	1,520	1,582	-9.5	-11.2	4.1
LIFE SCIENCES	833	893	673	824	7.2	-24.6	22.4
PSYCHOLOGY	624	660	406	413	5.8	-38.5	1.7
SOCIAL SCIENCES	3,229	3,183	2,998	2,372	-1.4	-5.8	-20.9
BEYOND FIRST YEAR, TOTAL	21,819	22,044	21,814	21,824	1.0	-1.0	□
ENGINEERING	8,677	8,114	7,822	7,634	-6.5	-3.6	-2.4
PHYSICAL SCIENCES	2,772	2,960	2,620	2,518	6.8	-11.5	-3.9
MATHEMATICAL SCIENCES	2,327	2,411	2,095	2,057	3.6	-13.1	-1.8
LIFE SCIENCES	1,983	2,211	2,151	2,125	11.5	-2.7	-1.2
PSYCHOLOGY	1,296	1,202	1,367	1,491	-7.3	13.7	9.1
SOCIAL SCIENCES	4,764	5,146	5,759	5,999	8.0	11.9	4.2

□ LESS THAN 0.05 PERCENT CHANGE.
* PERCENT CHANGE IS NOT SHOWN WHEN BASE IS 50 OR LESS.

TABLE D-2. GRADUATE STUDENTS IN ALL GRADUATE DEPARTMENTS OF PUBLICLY CONTROLLED INSTITUTIONS REPORTING CONSISTENTLY FOR FOUR YEARS, BY AREA OF SCIENCE, LEVEL OF STUDY, AND ENROLLMENT STATUS, 1969-72

AREA OF SCIENCE	NUMBER				PERCENT CHANGE		
	1969	1970	1971	1972	1969-70	1970-71	1971-72
ALL GRADUATE STUDENTS							
TOTAL	112,116	113,998	113,352	110,424	1.7	-.6	-2.6
ENGINEERING	26,539	27,005	26,664	25,019	1.8	-1.3	-6.2
PHYSICAL SCIENCES	21,783	21,489	20,777	19,843	-1.3	-3.3	-4.5
MATHEMATICAL SCIENCES	11,140	11,462	10,966	10,571	2.9	-4.3	-3.6
LIFE SCIENCES	20,314	20,853	20,894	20,345	2.7	.2	-2.6
PSYCHOLOGY	9,404	9,541	9,752	10,296	1.5	2.2	5.6
SOCIAL SCIENCES	22,936	23,648	24,299	24,350	3.1	2.8	.2
FIRST YEAR, TOTAL	40,151	39,549	37,346	35,697	-1.5	-5.6	-4.
ENGINEERING	11,620	11,864	11,084	10,431	2.1	-6.6	-5.9
PHYSICAL SCIENCES	6,177	5,775	5,374	5,070	-6.5	-6.9	-5.7
MATHEMATICAL SCIENCES	4,413	4,278	3,902	3,744	-3.1	-8.8	-4.0
LIFE SCIENCES	6,322	6,422	6,101	5,871	1.6	-5.0	-3.8
PSYCHOLOGY	2,898	2,691	2,561	2,838	-7.1	-4.8	10.8
SOCIAL SCIENCES	8,721	8,519	8,324	7,743	-2.3	-2.3	-7.0
BEYOND FIRST YEAR, TOTAL	71,965	74,449	76,006	74,727	3.5	2.1	-1.7
ENGINEERING	14,919	15,141	15,580	14,588	1.5	2.9	-6.4
PHYSICAL SCIENCES	15,606	15,714	15,403	14,773	.7	-2.0	-4.1
MATHEMATICAL SCIENCES	6,727	7,184	7,064	6,827	6.8	-1.7	-3.4
LIFE SCIENCES	13,992	14,431	14,793	14,474	3.1	2.5	-2.2
PSYCHOLOGY	6,506	6,850	7,191	7,458	5.3	5.0	3.7
SOCIAL SCIENCES	14,215	15,129	15,975	16,607	6.4	5.6	4.0
FULL-TIME STUDENTS							
TOTAL	90,928	93,171	92,949	89,928	2.5	-.2	-3.3
ENGINEERING	17,367	18,635	18,666	17,637	7.3	.2	-5.5
PHYSICAL SCIENCES	19,683	19,433	18,997	18,026	-1.3	-2.2	-5.1
MATHEMATICAL SCIENCES	8,867	9,107	8,931	8,358	2.7	-1.9	-6.4
LIFE SCIENCES	18,283	18,563	18,596	17,976	1.5	.2	-3.3
PSYCHOLOGY	8,596	8,796	9,125	9,571	2.3	3.7	4.9
SOCIAL SCIENCES	18,132	18,637	18,634	18,360	2.8	□	-1.5
FIRST YEAR, TOTAL	31,124	31,373	29,991	28,604	.8	-4.4	-4.6
ENGINEERING	7,004	7,858	7,495	7,204	12.2	-4.6	-3.9
PHYSICAL SCIENCES	5,499	5,228	4,935	4,719	-4.9	-5.6	-4.4
MATHEMATICAL SCIENCES	3,462	3,363	3,154	2,787	-2.9	-6.2	-11.6
LIFE SCIENCES	5,787	5,798	5,557	5,277	.2	-4.2	-5.0
PSYCHOLOGY	2,697	2,540	2,461	2,685	-5.8	-3.1	9.1
SOCIAL SCIENCES	6,675	6,586	6,389	5,932	-1.3	-3.0	-7.2
BEYOND FIRST YEAR, TOTAL	59,804	61,798	62,958	61,324	3.3	1.9	-2.6
ENGINEERING	10,363	10,777	11,171	10,433	4.0	3.7	-6.6
PHYSICAL SCIENCES	14,184	14,205	14,062	13,307	.1	-1.0	-5.4
MATHEMATICAL SCIENCES	5,405	5,744	5,777	5,571	6.3	.6	-3.6
LIFE SCIENCES	12,496	12,765	13,039	12,699	2.2	2.1	-2.6
PSYCHOLOGY	5,899	6,256	6,664	6,886	6.1	6.5	3.3
SOCIAL SCIENCES	11,457	12,051	12,245	12,428	5.2	1.6	1.5
PART-TIME STUDENTS							
TOTAL	21,188	20,827	20,403	20,496	-1.7	-2.0	.5
ENGINEERING	9,172	8,370	7,998	7,382	-8.7	-4.4	-7.7
PHYSICAL SCIENCES	2,100	2,056	1,780	1,817	-2.1	-13.4	2.1
MATHEMATICAL SCIENCES	2,273	2,355	2,035	2,213	3.6	-13.6	8.7
LIFE SCIENCES	2,031	2,290	2,298	2,369	12.8	.3	3.1
PSYCHOLOGY	808	745	627	725	-7.8	-15.8	15.6
SOCIAL SCIENCES	4,804	5,011	5,665	5,990	4.3	13.1	5.7
FIRST YEAR, TOTAL	9,027	8,176	7,355	7,093	-9.4	-10.0	-3.6
ENGINEERING	4,616	4,006	3,589	3,227	-13.2	-10.4	-10.1
PHYSICAL SCIENCES	678	547	439	351	-19.3	-19.7	-20.0
MATHEMATICAL SCIENCES	951	915	748	957	-3.8	-18.3	27.9
LIFE SCIENCES	535	624	544	594	16.6	-12.8	9.2
PSYCHOLOGY	201	[illegible]	100	153	-24.9	-33.8	53.0
SOCIAL SCIENCES	2,046	[illegible]	1,935	1,811	-5.5	.1	-6.4
BEYOND FIRST YEAR, TOTAL	12,161	12,651	13,048	13,403	4.0	3.1	2.7
ENGINEERING	4,556	4,364	4,409	4,155	-4.2	1.0	-5.8
PHYSICAL SCIENCES	1,422	1,509	1,341	1,466	6.1	-11.1	9.3
MATHEMATICAL SCIENCES	1,322	1,440	1,287	1,256	8.9	-10.6	-2.4
LIFE SCIENCES	1,496	1,666	1,754	1,775	11.4	5.3	1.2
PSYCHOLOGY	607	594	527	572	-2.1	-11.3	8.5
SOCIAL SCIENCES	2,758	3,078	3,730	4,179	11.6	21.2	12.0

□ LESS THAN 0.05 PERCENT CHANGE.
* PERCENT CHANGE IS NOT SHOWN WHEN BASE IS 50 OR LESS.

TABLE D-3. GRADUATE STUDENTS IN ALL GRADUATE DEPARTMENTS OF PRIVATELY CONTROLLED INSTITUTIONS REPORTING CONSISTENTLY FOR FOUR YEARS, BY AREA OF SCIENCE, LEVEL OF STUDY, AND ENROLLMENT STATUS, 1969-72

AREA OF SCIENCE	NUMBER				PERCENT CHANGE		
	1969	1970	1971	1972	1969-70	1970-71	1971-72
			ALL GRADUATE STUDENTS				
TOTAL	55,315	52,912	50,010	46,936	-4.3	-5.5	-6.1
ENGINEERING	18,099	17,119	15,838	14,460	-5.4	-7.5	-8.7
PHYSICAL SCIENCES	11,708	10,941	9,882	9,132	-6.6	-9.7	-7.6
MATHEMATICAL SCIENCES	4,859	4,652	4,212	4,021	-4.3	-9.5	-4.5
LIFE SCIENCES	5,146	4,997	4,875	4,850	-2.9	-2.4	-.5
PSYCHOLOGY	4,175	4,101	4,333	4,405	-1.8	5.7	1.7
SOCIAL SCIENCES	11,328	11,102	10,870	10,068	-2.0	-2.1	-7.4
FIRST YEAR, TOTAL	19,796	18,396	16,674	14,593	-7.1	-9.4	-12.5
ENGINEERING	7,625	7,239	6,503	5,474	-5.1	-10.2	-15.8
PHYSICAL SCIENCES	3,194	2,537	2,246	2,124	-20.6	-11.5	-5.4
MATHEMATICAL SCIENCES	1,939	1,747	1,574	1,448	-9.9	-9.9	-8.0
LIFE SCIENCES	1,568	1,400	1,325	1,471	-10.7	-5.4	11.0
PSYCHOLOGY	1,373	1,461	1,337	1,113	6.4	-8.5	-16.8
SOCIAL SCIENCES	4,097	4,012	3,689	2,963	-2.1	-8.1	-19.7
BEYOND FIRST YEAR, TOTAL	35,519	34,516	33,336	32,343	-2.8	-3.4	-3.0
ENGINEERING	10,474	9,880	9,335	8,986	-5.7	-5.5	-3.7
PHYSICAL SCIENCES	8,514	8,404	7,636	7,008	-1.3	-9.1	-8.2
MATHEMATICAL SCIENCES	2,920	2,905	2,638	2,573	-.5	-9.2	-2.5
LIFE SCIENCES	3,578	3,597	3,550	3,379	.5	-1.3	-4.8
PSYCHOLOGY	2,802	2,640	2,996	3,292	-5.8	13.5	9.9
SOCIAL SCIENCES	7,231	7,090	7,181	7,105	-1.9	1.3	-1.1
			FULL-TIME STUDENTS				
TOTAL	38,404	36,704	35,726	34,453	-4.4	-2.7	-3.6
ENGINEERING	10,292	9,860	9,532	8,925	-4.2	-3.3	-6.4
PHYSICAL SCIENCES	9,635	9,009	8,248	7,750	-6.5	-8.4	-6.0
MATHEMATICAL SCIENCES	2,914	2,884	2,632	2,595	-1.0	-8.7	-1.4
LIFE SCIENCES	4,361	4,183	4,349	4,270	-4.1	4.0	-1.8
PSYCHOLOGY	3,063	2,984	3,187	3,226	-2.6	6.8	1.2
SOCIAL SCIENCES	8,139	7,784	7,778	7,687	-4.4	-.1	-1.2
FIRST YEAR, TOTAL	12,543	11,581	11,156	10,531	-7.7	-3.7	-5.6
ENGINEERING	3,939	3,730	3,610	3,418	-5.3	-3.2	-5.3
PHYSICAL SCIENCES	2,471	2,056	1,891	1,794	-16.8	-8.0	-5.1
MATHEMATICAL SCIENCES	999	950	802	823	-4.9	-15.6	2.6
LIFE SCIENCES	1,270	1,131	1,196	1,241	-10.9	5.7	3.8
PSYCHOLOGY	950	952	1,031	853	.2	8.3	-17.3
SOCIAL SCIENCES	2,914	2,762	2,626	2,402	-5.2	-4.9	-8.5
BEYOND FIRST YEAR, TOTAL	25,861	25,123	24,570	23,922	-2.9	[illegible]	-2.6
ENGINEERING	6,353	6,150	5,922	5,507	-3.5	-3.4	-7.0
PHYSICAL SCIENCES	7,164	6,953	6,357	5,956	-2.9	-8.6	-6.3
MATHEMATICAL SCIENCES	1,915	1,934	1,830	1,772	1.0	-5.4	-3.2
LIFE SCIENCES	3,091	3,052	3,153	3,029	-1.3	3.3	-3.9
PSYCHOLOGY	2,113	2,032	2,156	2,373	-3.8	6.1	10.1
SOCIAL SCIENCES	5,225	5,022	5,152	5,285	-3.9	2.6	2.6
			PART-TIME STUDENTS				
TOTAL	16,911	16,208	14,284	12,483	-4.2	-11.9	-12.6
ENGINEERING	7,807	7,259	6,306	5,535	-7.0	-13.1	-12.2
PHYSICAL SCIENCES	2,073	1,932	1,634	1,382	-6.8	-15.4	-15.4
MATHEMATICAL SCIENCES	1,945	1,768	1,580	1,426	-9.1	-10.6	-9.7
LIFE SCIENCES	785	814	526	580	3.7	-35.4	10.3
PSYCHOLOGY	1,112	1,117	1,146	1,179	.4	[illegible]	2.9
SOCIAL SCIENCES	3,189	3,318	3,092	2,381	4.0	[illegible]	-23.0
FIRST YEAR, TOTAL	7,253	6,815	5,518	4,062	-6.0	-19.0	-26.4
ENGINEERING	3,686	3,509	2,893	2,056	-4.8	-17.6	-28.9
PHYSICAL SCIENCES	723	481	355	330	-33.5	-26.2	-7.0
MATHEMATICAL SCIENCES	940	797	772	625	-15.2	-3.1	-19.0
LIFE SCIENCES	298	269	129	230	-9.7	-52.0	78.3
PSYCHOLOGY	423	509	306	260	20.3	-39.9	-15.0
SOCIAL SCIENCES	1,183	1,250	1,063	561	5.7	-15.0	-47.2
BEYOND FIRST YEAR, TOTAL	9,658	9,393	8,766	8,421	-2.7	-6.7	-3.9
ENGINEERING	4,121	3,750	3,413	3,479	-9.0	-9.0	1.9
PHYSICAL SCIENCES	1,350	1,451	1,279	1,052	7.5	-11.9	-17.7
MATHEMATICAL SCIENCES	1,005	971	808	801	-3.4	-16.8	-.9
LIFE SCIENCES	487	545	397	350	11.9	-27.2	-11.8
PSYCHOLOGY	689	608	840	919	-11.8	38.2	9.4
SOCIAL SCIENCES	2,006	2,068	2,029	1,820	3.1	-1.9	-10.3

¤ LESS THAN 0.05 PERCENT CHANGE.
* PERCENT CHANGE IS NOT SHOWN WHEN BASE IS 50 OR LESS.

TABLE D-4. FULL-TIME GRADUATE STUDENTS IN ALL GRADUATE DEPARTMENTS REPORTING CONSISTENTLY FOR FOUR YEARS, BY AREA OF SCIENCE, LEVEL OF STUDY, AND TYPE OF INSTITUTION, 1969-72

AREA OF SCIENCE	NUMBER 1969	NUMBER 1970	NUMBER 1971	NUMBER 1972	PERCENT CHANGE 1969-70	PERCENT CHANGE 1970-71	PERCENT CHANGE 1971-72
FIRST 20 INSTITUTIONS							
TOTAL	36,223	35,326	33,884	33,561	-2.5	-4.1	-1.0
ENGINEERING	10,435	10,411	10,083	9,986	-.2	-3.2	-1.0
PHYSICAL SCIENCES	8,398	7,877	7,448	7,066	-6.2	-5.4	-5.1
MATHEMATICAL SCIENCES	3,008	3,002	2,866	2,827	-.2	-4.5	-1.4
LIFE SCIENCES	3,954	3,952	3,613	3,726	-.1	-8.6	3.1
PSYCHOLOGY	1,773	1,672	1,699	1,644	-5.7	1.6	-3.2
SOCIAL SCIENCES	8,655	8,412	8,175	8,312	-2.8	-2.8	1.7
FIRST-YEAR STUDENTS	11,286	10,442	9,713	9,904	-7.5	-7.0	2.0
ENGINEERING	3,921	3,895	3,679	3,875	-.7	-5.5	5.3
PHYSICAL SCIENCES	2,118	1,717	1,623	1,604	-18.9	-5.5	-1.2
MATHEMATICAL SCIENCES	1,015	991	820	779	-2.4	-17.3	-5.0
LIFE SCIENCES	1,054	968	798	910	-8.2	-17.6	14.0
PSYCHOLOGY	505	421	409	409	-16.6	-2.9	□
SOCIAL SCIENCES	2,673	2,450	2,384	2,327	-8.3	-2.7	-2.4
BEYOND-FIRST-YEAR STUDENTS	24,937	24,884	24,171	23,657	-.2	-2.9	-2.1
ENGINEERING	6,514	6,516	6,404	6,111	□	-1.7	-4.6
PHYSICAL SCIENCES	6,280	6,160	5,825	5,462	-1.9	-5.4	-6.2
MATHEMATICAL SCIENCES	1,993	2,011	2,046	2,048	.9	1.7	.1
LIFE SCIENCES	2,900	2,984	2,815	2,816	2.9	-5.7	□
PSYCHOLOGY	1,268	1,251	1,290	1,235	-1.3	3.1	-4.3
SOCIAL SCIENCES	5,982	5,962	5,791	5,985	-.3	-2.9	3.4
DEVELOPING INSTITUTIONS							
TOTAL	12,597	13,847	14,330	14,758	9.9	3.5	3.0
ENGINEERING	1,801	2,077	2,388	2,131	15.3	15.0	-10.8
PHYSICAL SCIENCES	3,281	3,478	3,513	3,343	6.0	1.0	-4.8
MATHEMATICAL SCIENCES	1,182	1,280	1,303	1,320	8.3	1.8	1.3
LIFE SCIENCES	2,215	2,381	2,606	2,551	7.5	9.4	-2.1
PSYCHOLOGY	1,408	1,593	1,553	2,085	13.1	-2.5	34.3
SOCIAL SCIENCES	2,710	3,038	2,967	3,328	12.1	-2.3	12.2
FIRST-YEAR STUDENTS	5,495	5,675	5,604	5,618	3.3	-1.3	.2
ENGINEERING	851	1,065	1,124	937	25.1	5.5	-16.6
PHYSICAL SCIENCES	1,085	1,123	1,077	1,038	3.5	-4.1	-3.6
MATHEMATICAL SCIENCES	615	564	589	549	-8.3	4.4	-6.8
LIFE SCIENCES	907	959	968	934	5.7	.9	-3.5
PSYCHOLOGY	584	616	552	764	5.5	-10.4	38.4
SOCIAL SCIENCES	1,453	1,348	1,294	1,396	-7.2	-4.0	7.9
BEYOND-FIRST-YEAR STUDENTS	7,102	8,172	8,726	9,140	15.1	6.8	4.7
ENGINEERING	950	1,012	1,264	1,194	6.5	24.9	-5.5
PHYSICAL SCIENCES	2,196	2,355	2,436	2,305	7.2	3.4	-5.4
MATHEMATICAL SCIENCES	567	716	714	771	26.3	-.3	8.0
LIFE SCIENCES	1,308	1,422	1,639	1,617	8.7	15.2	-1.3
PSYCHOLOGY	824	977	1,001	1,321	18.6	2.5	32.0
SOCIAL SCIENCES	1,257	1,690	1,673	1,932	34.4	-1.0	15.5

□ LESS THAN 0.05 PERCENT CHANGE.
* PERCENT CHANGE IS NOT SHOWN WHEN BASE IS 50 OR LESS.

TABLE D-4. FULL-TIME GRADUATE STUDENTS IN ALL GRADUATE DEPARTMENTS REPORTING CONSISTENTLY FOR FOUR YEARS, BY AREA OF SCIENCE, LEVEL OF STUDY, AND TYPE OF INSTITUTION, 1969-72 (CONTINUED)

AREA OF SCIENCE	NUMBER 1969	1970	1971	1972	PERCENT CHANGE 1969-70	1970-71	1971-72
				MEDICAL SCHOOLS			
TOTAL	590	556	543	509	-5.8	-2.3	-6.3
ENGINEERING	17	12	13	10	*	*	*
PHYSICAL SCIENCES	7	10	13	10	*	*	*
LIFE SCIENCES	566	534	517	489	-5.7	-3.2	-5.4
FIRST-YEAR STUDENTS	186	158	127	150	-15.1	-19.6	18.1
ENGINEERING	5	0	4	3	*	---	*
PHYSICAL SCIENCES	3	5	2	1	*	*	*
LIFE SCIENCES	178	153	121	146	-14.0	-20.9	20.7
BEYOND-FIRST-YEAR STUDENTS	404	398	416	359	-1.5	4.5	-13.7
ENGINEERING	12	12	9	7	*	*	*
PHYSICAL SCIENCES	4	5	11	9	*	*	*
LIFE SCIENCES	388	381	396	343	-1.8	3.9	-13.4
				INTERMEDIATE INSTITUTIONS			
TOTAL	79,922	80,146	79,918	75,553	.3	-.3	-5.5
ENGINEERING	15,406	15,995	15,714	14,435	3.8	-1.8	-8.1
PHYSICAL SCIENCES	17,632	17,077	16,271	15,357	-3.1	-4.7	-5.6
MATHEMATICAL SCIENCES	7,591	7,709	7,394	6,806	1.6	-4.1	-8.0
LIFE SCIENCES	15,909	15,879	16,209	15,480	-.2	2.1	-4.5
PSYCHOLOGY	8,478	8,515	9,060	9,068	.4	6.4	.1
SOCIAL SCIENCES	14,906	14,971	15,270	14,407	.4	2.0	-5.7
FIRST-YEAR STUDENTS	26,700	26,679	25,703	23,463	-.1	-3.7	-8.7
ENGINEERING	6,166	6,628	6,298	5,807	7.5	-5.0	-7.8
PHYSICAL SCIENCES	4,764	4,439	4,124	3,870	-6.8	-7.1	-6.2
MATHEMATICAL SCIENCES	2,831	2,758	2,547	2,282	-2.6	-7.7	-10.4
LIFE SCIENCES	4,918	4,849	4,866	4,528	-1.4	.4	-6.9
PSYCHOLOGY	2,558	2,455	2,531	2,365	-4.0	3.1	-6.6
SOCIAL SCIENCES	5,463	5,550	5,337	4,611	1.6	-3.8	-13.6
BEYOND-FIRST-YEAR STUDENTS	53,222	53,467	54,215	52,090	.5	1.4	-3.9
ENGINEERING	9,240	9,367	9,416	8,628	1.4	.5	-8.4
PHYSICAL SCIENCES	12,868	12,638	12,147	11,487	-1.8	-3.9	-5.4
MATHEMATICAL SCIENCES	4,760	4,951	4,847	4,524	4.0	-2.1	-6.7
LIFE SCIENCES	10,991	11,030	11,343	10,952	.4	2.8	-3.4
PSYCHOLOGY	5,920	6,060	6,529	6,703	2.4	7.7	2.7
SOCIAL SCIENCES	9,443	9,421	9,933	9,796	-.2	5.4	-1.4

□ LESS THAN 0.05 PERCENT CHANGE.
* PERCENT CHANGE IS NOT SHOWN WHEN BASE IS 50 OR LESS.

TABLE D-5. FULL-TIME GRADUATE STUDENTS IN ALL GRADUATE DEPARTMENTS REPORTING CONSISTENTLY FOR FOUR YEARS, BY SOURCE OF MAJOR SUPPORT AND CONTROL OF INSTITUTION, 1969-72

SOURCE OF MAJOR SUPPORT	NUMBER				PERCENT CHANGE		
	1969	1970	1971	1972	1969-70	1970-71	1971-72
			FIRST 20 INSTITUTIONS				
TOTAL........................	36,223	35,326	33,884	33,561	-2.5	-4.1	-1.0
U. S. GOVERNMENT....................	15,767	14,839	13,219	12,350	-5.9	-10.9	-6.6
INSTITUTIONAL SUPPORT...............	10,526	10,399	9,660	10,013	-1.2	-7.1	3.8
OTHER OUTSIDE SUPPORT...............	4,611	4,387	3,987	3,523	-4.9	-9.1	-11.6
SELF-SUPPORT........................	5,319	5,701	7,018	7,657	7.2	23.1	9.1
PUBLIC INSTITUTIONS..........	19,056	18,800	17,902	17,739	-1.3	-4.8	-0.9
U. S. GOVERNMENT....................	7,362	6,991	6,072	5,760	-5.0	-13.1	-5.1
INSITUTIONAL SUPPORT................	5,798	5,922	5,246	5,643	2.1	-11.4	7.6
OTHER OUTSIDE SUPPORT...............	2,428	2,209	1,730	1,547	-9.0	-21.7	-10.6
SELF-SUPPORT........................	3,468	3,678	4,854	4,789	6.1	32.0	-1.3
PRIVATE INSTITUTIONS.........	17,167	16,526	15,982	15,822	-3.7	-3.3	-1.0
U. S. GOVERNMENT....................	8,405	7,848	7,147	6,590	-6.6	-8.9	-7.8
INSTITUTIONAL SUPPORT...............	4,728	4,477	4,414	4,388	-5.3	-1.4	-0.6
OTHER OUTSIDE SUPPORT...............	2,183	2,178	2,257	1,976	-0.2	3.6	-12.5
SELF-SUPPORT........................	1,851	2,023	2,164	2,868	9.3	7.0	32.5
			DEVELOPING INSTITUTIONS				
TOTAL........................	12,597	13,847	14,330	14,758	9.9	3.5	3.0
U. S. GOVERNMENT....................	2,920	2,939	2,765	2,346	0.7	-5.9	-15.2
INSTITUTIONAL SUPPORT...............	5,860	6,538	6,733	7,109	11.6	3.0	5.6
OTHER OUTSIDE SUPPORT...............	718	765	808	769	6.5	5.6	-4.8
SELF-SUPPORT........................	3,099	3,605	4,024	4,534	16.3	11.6	12.7
PUBLIC INSTITUTIONS..........	10,163	11,397	11,817	11,872	12.1	3.7	0.5
U. S. GOVERNMENT....................	2,186	2,250	2,161	1,927	2.9	-4.0	-10.8
INSTITUTIONAL SUPPORT...............	4,853	5,544	5,722	6,042	14.2	3.2	5.6
OTHER OUTSIDE SUPPORT...............	537	604	650	647	12.5	7.6	-0.5
SELF-SUPPORT........................	2,587	2,999	3,284	3,256	15.9	9.5	-0.9
PRIVATE INSTITUTIONS.........	2,434	2,450	2,513	2,886	0.7	2.6	14.8
U. S. GOVERNMENT....................	734	689	604	419	-6.1	-12.3	-30.6
INSTITUTIONAL SUPPORT...............	1,007	994	1,011	1,067	-1.3	1.7	5.5
OTHER OUTSIDE SUPPORT...............	181	161	158	122	-11.1	-1.9	-22.8
SELF-SUPPORT........................	512	606	740	1,278	18.4	22.1	72.7

SOURCE OF MAJOR SUPPORT	NUMBER 1969	1970	1971	1972	PERCENT CHANGE 1969-70	1970-71	1971-72
MEDICAL SCHOOLS							
TOTAL	590	556	543	509	-5.8	-2.3	-6.3
U. S. GOVERNMENT	336	306	251	214	-8.9	-18.0	-14.7
INSTITUTIONAL SUPPORT	137	156	176	185	13.9	12.8	5.1
OTHER OUTSIDE SUPPORT	39	34	38	27	-12.8	11.8	-28.9
SELF-SUPPORT	78	60	78	83	-23.1	30.0	6.4
PUBLIC INSTITUTIONS	330	309	299	303	6.4	-3.2	1.3
U. S. GOVERNMENT	190	161	133	125	-15.3	-17.4	-6.0
INSTITUTIONAL SUPPORT	83	106	109	109	27.7	2.8	□
OTHER OUTSIDE SUPPORT	19	10	9	17	-47.4	-10.0	88.9
SELF-SUPPORT	38	32	48	52	-15.8	50.0	8.3
PRIVATE INSTITUTIONS	260	247	244	206	-5.0	-1.2	-15.6
U. S. GOVERNMENT	146	145	118	89	-0.7	-18.6	-24.6
INSTITUTIONAL SUPPORT	54	50	67	76	-7.4	34.0	13.4
OTHER OUTSIDE SUPPORT	20	24	29	10	20.0	20.8	-65.5
SELF-SUPPORT	40	28	30	31	-30.0	7.1	3.3
INTERMEDIATE INSTITUTIONS							
TOTAL	79,922	80,146	79,918	75,553	0.3	-0.3	-5.5
U. S. GOVERNMENT	27,522	85,973	23,656	20,514	-5.7	-8.9	-13.3
INSTITUTIONAL SUPPORT	30,811	31,892	31,955	32,021	3.5	0.2	0.2
OTHER OUTSIDE SUPPORT	6,152	6,532	6,336	5,754	6.2	-3.0	-9.2
SELF-SUPPORT	15,407	15,749	17,971	17,264	2.2	14.1	-3.9
PUBLIC INSTITUTIONS	61,379	62,665	62,931	60,014	2.1	0.4	-4.6
U. S. GOVERNMENT	20,271	19,426	17,805	15,442	-4.2	-8.3	-13.3
INSTITUTIONAL SUPPORT	25,013	26,205	26,459	26,551	4.8	1.0	0.3
OTHER OUTSIDE SUPPORT	4,372	4,718	4,510	4,327	7.9	-4.4	-4.1
SELF-SUPPORT	11,723	12,316	14,157	13,694	5.1	14.9	-3.3
PRIVATE INSTITUTIONS	18,543	17,481	16,987	15,539	-5.7	-2.8	-8.5
U. S. GOVERNMENT	7,281	6,547	5,851	5,072	-10.1	-10.6	-13.3
INSTITUTIONAL SUPPORT	5,798	5,687	5,496	5,470	-1.9	-3.4	-0.5
OTHER OUTSIDE SUPPORT	1,780	1,814	1,826	1,427	1.9	0.7	-21.9
SELF-SUPPORT	3,684	3,433	3,814	3,570	-6.8	11.1	-6.4

□ LESS THAN 0.05 PERCENT CHANGE.

TABLE D-6. FULL-TIME GRADUATE STUDENTS IN ALL GRADUATE DEPARTMENTS REPORTING CONSISTENTLY FOR FOUR YEARS, BY SOURCE AND TYPE OF MAJOR SUPPORT AND CONTROL OF INSTITUTION, 1969-72

SOURCE OF MAJOR SUPPORT	NUMBER				PERCENT CHANGE		
	1969	1970	1971	1972	1969-70	1970-71	1971-72
ALL SOURCES OF MAJOR SUPPORT, TOTAL..	129,332	129,875	128,675	124,381	.4	-.9	-3.3
U.S. SOURCES, TOTAL................	127,345	127,790	126,618	121,873	.3	-.9	-3.7
U.S. GOVERNMENT..................	46,575	44,057	39,891	35,424	-5.4	-9.5	-11.2
INSTITUTIONAL SUPPORT............	47,334	48,985	48,524	49,346	3.5	-.9	1.7
SELF-SUPPORT.....................	23,903	25,115	29,091	29,538	5.1	15.8	1.5
ALL OTHER U.S. SOURCES...........	9,533	9,633	9,112	7,565	1.0	-5.4	-17.0
FOREIGN SOURCES, TOTAL.............	1,987	2,085	2,057	2,508	4.9	-1.3	21.9
PUBLIC INSTITUTIONS............	90,928	93,171	92,949	89,928	2.5	-.2	-3.3
U.S. SOURCES, TOTAL................	89,843	91,926	91,818	88,342	2.3	-.1	-3.8
U.S. GOVERNMENT..................	30,009	28,828	26,171	23,254	-3.9	-9.2	-11.1
INSTITUTIONAL SUPPORT............	35,747	37,777	37,536	38,345	5.7	-.6	2.2
SELF-SUPPORT.....................	17,816	19,025	22,343	21,791	6.8	17.4	-2.5
ALL OTHER U.S. SOURCES...........	6,271	6,296	5,768	4,952	.4	-8.4	-14.1
FOREIGN SOURCES, TOTAL.............	1,085	1,245	1,131	1,586	14.7	-9.2	40.2
PRIVATE INSTITUTIONS...........	38,404	36,704	35,726	34,453	-4.4	-2.7	-3.6
U.S. SOURCES, TOTAL................	37,502	35,864	34,800	33,531	-4.4	-3.0	-3.6
U.S. GOVERNMENT..................	16,566	15,229	13,720	12,170	-8.1	-9.9	-11.3
INSTITUTIONAL SUPPORT............	11,587	11,208	10,988	11,001	-3.3	-2.0	.1
SELF-SUPPORT.....................	6,087	6,090	6,748	7,747	□	10.8	14.8
ALL OTHER U.S. SOURCES...........	3,262	3,337	3,344	2,613	2.3	.2	-21.9
FOREIGN SOURCES, TOTAL.............	902	840	926	922	-6.9	10.2	-.4
FELLOWSHIPS AND TRAINEESHIPS, TOTAL..	37,286	34,849	31,568	25,763	-6.5	-9.4	-18.4
U.S. SOURCES, TOTAL................	36,150	33,633	30,342	24,373	-7.0	-9.8	-19.7
U.S. GOVERNMENT..................	25,558	23,032	20,080	15,271	-9.9	-12.8	-23.9
INSTITUTIONAL SUPPORT............	6,420	6,432	6,292	6,235	.2	-2.2	-.9
SELF-SUPPORT.....................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES...........	4,172	4,169	3,970	2,867	-.1	-4.8	-27.8
FOREIGN SOURCES, TOTAL.............	1,136	1,216	1,226	1,390	7.0	.8	13.4
PUBLIC INSTITUTIONS............	21,621	20,312	18,143	14,690	-6.1	-10.7	-19.0
U.S. SOURCES, TOTAL................	20,977	19,590	17,445	13,865	-6.6	-10.9	-20.5
U.S. GOVERNMENT..................	15,723	14,247	12,410	9,474	-9.4	-12.9	-23.7
INSTITUTIONAL SUPPORT............	2,826	2,964	2,919	2,868	4.9	-1.5	-1.7
SELF-SUPPORT.....................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES...........	2,428	2,379	2,116	1,523	-2.0	-11.1	-28.0
FOREIGN SOURCES, TOTAL.............	644	722	698	825	12.1	-3.3	18.2
PRIVATE INSTITUTIONS...........	15,665	14,537	13,425	11,073	-7.2	-7.6	-17.5
U.S. SOURCES, TOTAL................	15,173	14,043	12,897	10,508	-7.4	-8.2	-18.5
U.S. GOVERNMENT..................	9,835	8,785	7,670	5,797	-10.7	-12.7	-24.4
INSTITUTIONAL SUPPORT............	3,594	3,468	3,373	3,367	-3.5	-2.7	-.2
SELF-SUPPORT.....................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES...........	1,744	1,790	1,854	1,344	2.6	3.6	-27.5
FOREIGN SOURCES, TOTAL.............	492	494	528	565	.4	6.9	7.0
RESEARCH ASSISTANTSHIPS, TOTAL.......	27,690	27,732	26,564	26,713	.2	-4.2	.6
U.S. SOURCES, TOTAL................	27,645	27,683	26,524	26,631	.1	-4.2	.4
U.S. GOVERNMENT..................	17,977	17,857	16,959	17,110	-.7	-5.0	.9
INSTITUTIONAL SUPPORT............	7,625	7,955	7,586	7,436	4.3	-4.6	-2.0
SELF-SUPPORT.....................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES...........	2,043	1,871	1,979	2,085	-8.4	5.8	5.4
FOREIGN SOURCES, TOTAL.............	45	49	40	82	*	*	*
PUBLIC INSTITUTIONS............	20,137	20,552	19,768	19,655	2.1	-3.8	-.6
U.S. SOURCES, TOTAL................	20,105	20,520	19,737	19,597	2.1	-3.8	-.7
U.S. GOVERNMENT..................	11,961	12,156	11,524	11,438	1.6	-5.2	-.7
INSTITUTIONAL SUPPORT............	6,659	6,963	6,732	6,562	4.6	-3.3	-2.5
SELF-SUPPORT.....................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES...........	1,485	1,401	1,481	1,597	-5.7	5.7	7.8
FOREIGN SOURCES, TOTAL.............	32	32	31	58	*	*	*
PRIVATE INSTITUTIONS...........	7,553	7,180	6,796	7,058	-4.9	-5.3	3.9
U.S. SOURCES, TOTAL................	7,540	7,163	6,787	7,034	-5.0	-5.2	3.6
U.S. GOVERNMENT..................	6,016	5,701	5,435	5,672	-5.2	-4.7	4.4
INSTITUTIONAL SUPPORT............	966	992	854	874	2.7	-13.9	2.3
SELF-SUPPORT.....................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES...........	558	470	498	488	-15.8	6.0	-2.0
FOREIGN SOURCES, TOTAL.............	13	17	9	24	*	*	*

□ LESS THAN 0.05 PERCENT CHANGE.
* PERCENT CHANGE IS NOT SHOWN WHEN BASE IS 50 OR LESS.

TABLE D-6. FULL-TIME GRADUATE STUDENTS IN ALL GRADUATE DEPARTMENTS REPORTING CONSISTENTLY FOR FOUR YEARS, BY SOURCE AND TYPE OF MAJOR SUPPORT AND CONTROL OF INSTITUTION, 1969-72 (CONTINUED)

SOURCE OF MAJOR SUPPORT	NUMBER 1969	1970	1971	1972	PERCENT CHANGE 1969-70	1970-71	1971-72
TEACHING ASSISTANTSHIPS, TOTAL.......	31,518	33,013	32,859	33,547	4.7	-.5	2.1
U.S. SOURCES, TOTAL.................	31,518	33,013	32,859	33,547	4.7	-.5	2.1
U.S. GOVERNMENT..................	295	348	411	266	18.0	18.1	-35.3
INSTITUTIONAL SUPPORT............	31,094	32,401	32,243	33,138	4.2	-.5	2.8
SELF-SUPPORT.....................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES...........	129	264	205	143	104.7	-22.3	-30.2
FOREIGN SOURCES, TOTAL.............	0	0	0	0	---	---	---
PUBLIC INSTITUTIONS...........	24,834	26,462	26,341	27,229	6.6	-.5	3.4
U.S. SOURCES, TOTAL.................	24,834	26,462	26,341	27,229	6.6	-.5	3.4
U.S. GOVERNMENT..................	218	270	322	207	23.9	19.3	-35.7
INSTITUTIONAL SUPPORT............	24,527	26,008	25,884	26,919	3.0	-.5	4.0
SELF-SUPPORT.....................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES...........	89	184	135	103	106.7	-26.6	-23.7
FOREIGN SOURCES, TOTAL.............	0	0	0	0	---	---	---
PRIVATE INSTITUTIONS..........	6,684	6,551	6,518	6,318	-2.0	-.5	-3.1
U.S. SOURCES, TOTAL.................	6,684	6,551	6,518	6,318	-2.0	-.5	-3.1
U.S. GOVERNMENT..................	77	78	89	59	1.3	14.1	-33.7
INSTITUTIONAL SUPPORT............	6,567	6,393	6,359	6,219	-2.6	-.5	-2.2
SELF-SUPPORT.....................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES...........	40	80	70	40	*	-12.5	-42.9
FOREIGN SOURCES, TOTAL.............	0	0	0	0	---	---	---
OTHER TYPES OF MAJOR SUPPORT, TOTAL..	32,838	34,281	37,684	38,358	4.4	9.9	1.8
U.S. SOURCES, TOTAL.................	32,032	33,461	36,893	37,322	4.5	10.3	1.2
U.S. GOVERNMENT..................	2,745	2,820	2,441	2,777	2.7	-13.4	13.8
INSTITUTIONAL SUPPORT............	2,195	2,197	2,403	2,537	.1	9.4	5.6
SELF-SUPPORT.....................	23,903	25,115	29,091	29,538	5.1	15.8	1.5
ALL OTHER U.S. SOURCES...........	3,189	3,329	2,958	2,470	4.4	-11.1	-16.5
FOREIGN SOURCES, TOTAL.............	806	820	791	1,036	1.7	-3.5	31.0
PUBLIC INSTITUTIONS...........	24,336	25,845	28,697	28,354	6.2	11.0	-1.2
U.S. SOURCES, TOTAL.................	23,927	25,354	28,295	27,651	6.0	11.6	-2.3
U.S. GOVERNMENT..................	2,107	2,155	1,915	2,135	2.3	-11.1	11.5
INSTITUTIONAL SUPPORT............	1,735	1,842	2,001	1,996	6.2	8.6	-.2
SELF-SUPPORT.....................	17,816	19,025	22,343	21,791	6.8	17.4	-2.5
ALL OTHER U.S. SOURCES...........	2,269	2,332	2,036	1,729	2.8	-12.7	-15.1
FOREIGN SOURCES, TOTAL.............	409	491	402	703	20.0	-18.1	74.9
PRIVATE INSTITUTIONS..........	8,502	8,436	8,987	10,004	-.8	6.5	11.3
U.S. SOURCES, TOTAL.................	8,105	8,107	8,598	9,671	□	6.1	12.5
U.S. GOVERNMENT..................	638	665	526	642	4.2	-20.9	22.1
INSTITUTIONAL SUPPORT............	460	355	402	541	-22.8	13.2	34.6
SELF-SUPPORT.....................	6,087	6,090	6,748	7,747	□	10.8	14.8
ALL OTHER U.S. SOURCES...........	920	997	922	741	8.4	-7.5	-19.6
FOREIGN SOURCES, TOTAL.............	397	329	389	333	-17.1	18.2	-14.4

□ LESS THAN 0.05 PERCENT CHANGE.
* PERCENT CHANGE IS NOT SHOWN WHEN BASE IS 50 OR LESS.

TABLE D-7A. FULL-TIME GRADUATE STUDENTS IN ALL GRADUATE DEPARTMENTS REPORTING CONSISTENTLY FOR FOUR YEARS, BY SOURCE AND TYPE OF MAJOR SUPPORT AND CITIZENSHIP, 1969-72

	NUMBER				PERCENT CHANGE		
SOURCE OF MAJOR SUPPORT	1969	1970	1971	1972	1969-70	1970-71	1971-72
ALL SOURCES OF MAJOR SUPPORT, TOTAL..	129,332	129,875	128,675	124,381	.4	-.9	-3.3
U.S. SOURCES, TOTAL.................	127,345	127,790	126,618	121,873	.3	-.9	-3.7
U.S. GOVERNMENT...................	46,575	44,057	39,891	35,424	-5.4	-9.5	-11.2
INSTITUTIONAL SUPPORT............	47,334	48,985	48,524	49,346	3.5	-.9	1.7
SELF-SUPPORT......................	23,905	25,115	29,091	29,538	5.1	15.8	1.5
ALL OTHER U.S. SOURCES...........	9,533	9,633	9,112	7,565	1.0	-5.4	-17.0
FOREIGN SOURCES, TOTAL..............	1,987	2,085	2,057	2,508	4.9	-1.3	21.9
U.S. CITIZENS.......................	103,901	103,525	102,758	100,121	-.4	-.7	-2.6
U.S. SOURCES, TOTAL.................	103,864	103,478	10[illegible],721	100,068	-.4	-.7	-2.6
U.S. GOVERNMENT...................	40,387	37,719	3[illegible],912	29,713	-6.6	-10.1	-12.4
INSTITUTIONAL SUPPORT............	36,958	38,417	38,666	40,369	3.9	.6	4.4
SELF-SUPPORT......................	19,266	20,033	23,127	23,912	4.0	15.4	3.4
ALL OTHER U.S. SOURCES...........	7,253	7,309	7,016	6,074	.8	-4.0	-13.4
FOREIGN SOURCES, TOTAL..............	37	47	37	53	*	*	*
FOREIGN STUDENTS....................	25,431	26,350	25,917	24,260	3.6	-1.6	-6.4
U.S. SOURCES, TOTAL.................	23,481	24,312	23,897	21,805	3.5	-1.7	-8.8
U.S. GOVERNMENT...................	6,188	6,338	5,979	5,711	2.4	-5.7	-4.5
INSTITUTIONAL SUPPORT............	10,376	10,568	9,858	8,977	1.9	-6.7	-8.9
SELF-SUPPORT......................	4,637	5,082	5,964	5,626	9.6	17.4	-5.7
ALL OTHER U.S. SOURCES...........	2,280	2,324	2,096	1,491	1.9	-9.8	-28.9
FOREIGN SOURCES, TOTAL..............	1,950	2,038	2,020	2,455	4.5	-.9	21.5
FELLOWSHIPS AND TRAINEESHIPS, TOTAL..	37,286	34,849	31,568	25,763	-6.5	-9.4	-18.4
U.S. SOURCES, TOTAL.................	36,150	33,633	30,342	24,373	-7.0	-9.8	-19.7
U.S. GOVERNMENT...................	25,558	23,032	20,080	15,271	-9.9	-12.8	-23.9
INSTITUTIONAL SUPPORT............	6,420	6,432	6,292	6,235	.2	-2.2	-.9
SELF-SUPPORT......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES...........	4,172	4,169	3,970	2,867	-.1	-4.8	-27.8
FOREIGN SOURCES, TOTAL..............	1,136	1,216	1,226	1,390	7.0	.8	13.4
U.S. CITIZENS.......................	32,538	30,050	27,112	21,989	-7.6	-9.8	-18.9
U.S. SOURCES, TOTAL.................	32,504	30,003	27,075	21,936	-7.7	-9.8	-19.0
U.S. GOVERNMENT...................	24,845	22,281	19,313	14,648	-10.3	-13.3	-24.2
INSTITUTIONAL SUPPORT............	4,634	4,712	4,812	5,070	1.7	2.1	5.4
SELF-SUPPORT......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES...........	3,025	3,010	2,950	2,218	-.5	-2.0	-24.8
FOREIGN SOURCES, TOTAL..............	34	47	37	53	*	*	*
FOREIGN STUDENTS....................	4,748	4,799	4,456	3,774	1.1	-7.1	-15.3
U.S. SOURCES, TOTAL.................	3,646	3,630	3,267	2,437	-.4	-10.0	-25.4
U.S. GOVERNMENT...................	713	751	767	623	5.3	2.1	-18.8
INSTITUTIONAL SUPPORT............	1,786	1,720	1,480	1,165	-3.7	-14.0	-21.3
SELF-SUPPORT......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES...........	1,147	1,159	1,020	649	1.0	-12.0	-36.4
FOREIGN SOURCES, TOTAL..............	1,102	1,169	1,189	1,337	6.1	1.7	12.4
RESEARCH ASSISTANTSHIPS, TOTAL.......	27,690	27,732	26,564	26,713	.2	-4.2	.6
U.S. SOURCES, TOTAL.................	27,645	27,683	26,524	26,631	.1	-4.2	.4
U.S. GOVERNMENT...................	17,977	17,857	16,959	17,110	-.7	-5.0	.9
INSTITUTIONAL SUPPORT............	7,625	7,955	7,586	7,436	4.3	-4.6	-2.0
SELF-SUPPORT......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES...........	2,043	1,871	1,979	2,085	-8.4	5.8	5.4
FOREIGN SOURCES, TOTAL..............	45	49	40	82	*	*	*
U.S. CITIZENS.......................	19,606	19,593	19,189	19,660	-.1	-2.1	2.5
U.S. SOURCES, TOTAL.................	19,604	19,593	19,189	19,660	-.1	-2.1	2.5
U.S. GOVERNMENT...................	12,816	12,549	12,042	12,327	-2.1	-4.0	2.4
INSTITUTIONAL SUPPORT............	5,369	5,734	5,685	5,770	6.8	-.9	1.5
SELF-SUPPORT......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES...........	1,419	1,310	1,462	1,563	-7.7	11.6	6.9
FOREIGN SOURCES, TOTAL..............	2	0	0	0	*	---	---
FOREIGN STUDENTS....................	8,084	8,139	7,375	7,053	.7	-9.4	-4.4
U.S. SOURCES, TOTAL.................	8,041	8,090	7,335	6,971	.6	-9.3	-5.0
U.S. GOVERNMENT...................	5,161	5,308	4,917	4,783	2.8	-7.4	-2.7
INSTITUTIONAL SUPPORT............	2,256	2,221	1,901	1,666	-1.6	-14.4	-12.4
SELF-SUPPORT......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES...........	624	561	517	522	-10.1	-7.8	1.0
FOREIGN SOURCES, TOTAL..............	43	49	40	82	*	*	*

TABLE D-7A. FULL-TIME GRADUATE STUDENTS IN ALL GRADUATE DEPARTMENTS REPORTING CONSISTENTLY FOR FOUR YEARS, BY SOURCE AND TYPE OF MAJOR SUPPORT AND CITIZENSHIP, 1969-72 (CONTINUED)

SOURCE OF MAJOR SUPPORT	NUMBER 1969	1970	1971	1972	PERCENT CHANGE 1969-70	1970-71	1971-72
TEACHING ASSISTANTSHIPS, TOTAL........	31,518	33,013	32,859	33,547	4.7	-.5	2.1
U.S. SOURCES, TOTAL.................	31,518	33,013	32,859	33,547	4.7	-.5	2.1
U.S. GOVERNMENT..................	295	348	411	266	18.0	18.1	-35.3
INSTITUTIONAL SUPPORT............	31,094	32,401	32,243	33,138	4.2	-.5	2.8
SELF-SUPPORT.....................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES...........	129	264	205	143	104.7	-22.3	-30.2
FOREIGN SOURCES, TOTAL.............	0	0	0	0	---	---	---
U.S. CITIZENS......................	25,412	26,580	26,679	27,746	4.6	.4	4.0
U.S. SOURCES, TOTAL.................	25,412	26,580	26,679	27,746	4.6	.4	4.0
U.S. GOVERNMENT..................	224	258	346	219	15.2	34.1	-36.7
INSTITUTIONAL SUPPORT............	25,079	26,097	26,154	27,410	4.1	.2	4.8
SELF-SUPPORT.....................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES...........	109	225	179	117	106.4	-20.4	-34.6
FOREIGN SOURCES, TOTAL.............	0	0	0	0	---	---	---
FOREIGN STUDENTS....................	6,106	6,433	6,180	5,801	5.4	-3.9	-6.1
U.S. SOURCES, TOTAL.................	6,106	6,433	6,180	5,801	5.4	-3.9	-6.1
U.S. GOVERNMENT..................	71	90	65	47	26.8	-27.8	-27.7
INSTITUTIONAL SUPPORT............	6,015	6,304	6,089	5,728	4.8	-3.4	-5.9
SELF-SUPPORT.....................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES...........	20	39	26	26	*	*	*
FOREIGN SOURCES, TOTAL.............	0	0	0	0	---	---	---
OTHER TYPES OF MAJOR SUPPORT, TOTAL..	32,838	34,281	37,684	38,358	4.4	9.9	1.8
U.S. SOURCES, TOTAL.................	32,032	33,461	36,893	37,322	4.5	10.3	1.2
U.S. GOVERNMENT..................	2,745	2,820	2,441	2,777	2.7	-13.4	13.8
INSTITUTIONAL SUPPORT............	2,195	2,197	2,403	2,537	.1	9.4	5.6
SELF-SUPPORT.....................	23,903	25,115	29,091	29,538	5.1	15.8	1.5
ALL OTHER U.S. SOURCES...........	3,189	3,329	2,958	2,470	4.4	-11.1	-16.5
FOREIGN SOURCES, TOTAL.............	806	820	791	1,036	1.7	-3.5	31.0
U.S. CITIZENS......................	26,345	27,302	29,778	30,726	3.6	9.1	3.2
U.S. SOURCES, TOTAL.................	26,344	27,302	29,778	30,726	3.6	9.1	3.2
U.S. GOVERNMENT..................	2,502	2,631	2,211	2,519	5.2	-16.0	13.9
INSTITUTIONAL SUPPORT............	1,876	1,874	2,015	2,119	-.1	7.5	5.2
SELF-SUPPORT.....................	19,266	20,033	23,127	23,912	4.0	15.4	3.4
ALL OTHER U.S. SOURCES...........	2,700	2,764	2,425	2,176	2.4	-12.3	-10.3
FOREIGN SOURCES, TOTAL.............	1	0	0	0	*	---	---
FOREIGN STUDENTS....................	6,493	6,979	7,906	7,632	7.5	13.3	-3.5
U.S. SOURCES, TOTAL.................	5,688	6,159	7,115	6,596	8.3	15.5	-7.3
U.S. GOVERNMENT..................	243	189	230	258	-22.2	21.7	12.2
INSTITUTIONAL SUPPORT............	319	323	388	418	1.3	20.1	7.7
SELF-SUPPORT.....................	4,637	5,082	5,964	5,626	9.6	17.4	-5.7
ALL OTHER U.S. SOURCES...........	489	565	533	294	15.5	-5.7	-44.8
FOREIGN SOURCES, TOTAL.............	805	820	791	1,036	1.9	-3.5	31.0

□ LESS THAN 0.05 PERCENT CHANGE.
* PERCENT CHANGE IS NOT SHOWN WHEN BASE IS 50 OR LESS.

TABLE D-7B. FULL-TIME GRADUATE STUDENTS IN ENGINEERING GRADUATE DEPARTMENTS REPORTING CONSISTENTLY FOR FOUR YEARS, BY SOURCE AND TYPE OF MAJOR SUPPORT AND CITIZENSHIP, 1969-72

SOURCE OF MAJOR SUPPORT	NUMBER 1969	NUMBER 1970	NUMBER 1971	NUMBER 1972	PERCENT CHANGE 1969-70	PERCENT CHANGE 1970-71	PERCENT CHANGE 1971-72
ALL SOURCES OF MAJOR SUPPORT, TOTAL..	27,659	28,495	28,198	26,562	3.0	-1.0	-5.8
U.S. SOURCES, TOTAL.................	26,755	27,623	27,317	25,668	3.2	-1.1	-6.0
U.S. GOVERNMENT.....................	10,983	10,855	9,825	9,072	-1.2	-9.5	-7.7
INSTITUTIONAL SUPPORT.............	7,257	7,680	7,572	7,427	5.8	-1.4	-1.9
SELF-SUPPORT......................	4,906	5,741	6,862	6,558	17.0	19.5	-4.4
ALL OTHER U.S. SOURCES............	3,609	3,347	3,058	2,611	-7.3	-8.6	-14.6
FOREIGN SOURCES, TOTAL..............	904	872	881	894	-3.5	1.0	1.5
U.S. CITIZENS.......................	17,784	18,147	18,033	16,999	2.0	-.6	-5.7
U.S. SOURCES, TOTAL.................	17,779	18,134	18,019	16,994	2.0	-.6	-5.7
U.S. GOVERNMENT.....................	8,310	7,982	7,203	6,366	-3.9	-9.8	-11.6
INSTITUTIONAL SUPPORT.............	4,039	4,459	4,698	4,775	10.4	5.4	1.6
SELF-SUPPORT......................	2,676	3,123	3,766	3,839	16.7	20.6	1.9
ALL OTHER U.S. SOURCES............	2,754	2,570	2,352	2,014	-6.7	-8.5	-14.4
FOREIGN SOURCES, TOTAL..............	5	13	14	5	*	*	*
FOREIGN STUDENTS....................	9,875	10,348	10,165	9,563	4.8	-1.8	-5.9
U.S. SOURCES, TOTAL.................	8,976	9,489	9,298	[illegible]	5.7	-2.0	-6.7
U.S. GOVERNMENT.....................	2,673	2,873	2,622	2,706	7.5	-8.7	3.2
INSTITUTIONAL SUPPORT.............	3,218	3,221	2,874	2,652	.1	-10.8	-7.7
SELF-SUPPORT......................	2,230	2,618	[illegible]	2,719	17.4	18.3	-12.2
ALL OTHER U.S. SOURCES............	855	777	706	597	-9.1	-9.1	-15.4
FOREIGN SOURCES, TOTAL..............	899	859	867	889	-4.4	.9	2.5
FELLOWSHIPS AND TRAINEESHIPS, TOTAL..	7,216	6,777	6,100	4,647	-6.1	-10.0	-23.8
U.S. SOURCES, TOTAL.................	6,824	6,400	5,692	4,246	-6.2	-11.1	-25.4
U.S. GOVERNMENT.....................	4,408	3,996	3,347	2,364	-9.3	-16.2	-29.4
INSTITUTIONAL SUPPORT.............	1,001	1,095	1,062	1,015	9.4	-3.0	-4.4
SELF-SUPPORT......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES............	1,415	1,309	1,283	867	-7.5	-2.0	-32.4
FOREIGN SOURCES, TOTAL..............	392	377	408	401	-3.8	8.2	-1.7
U.S. CITIZENS.......................	5,862	5,472	4,918	3,642	-6.7	-10.1	-25.9
U.S. SOURCES, TOTAL.................	5,857	5,459	4,904	3,637	-6.8	-10.2	-25.8
U.S. GOVERNMENT.....................	4,232	3,812	3,204	2,252	-9.9	-15.9	-29.7
INSTITUTIONAL SUPPORT.............	512	599	666	687	17.0	11.2	3.2
SELF-SUPPORT......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES............	1,113	1,048	1,034	698	-5.8	-1.3	-32.5
FOREIGN SOURCES, TOTAL..............	5	13	14	5	*	*	*
FOREIGN STUDENTS....................	1,354	1,305	1,182	1,005	-3.6	-9.4	-15.0
U.S. SOURCES, TOTAL.................	967	941	788	609	-2.7	-16.3	-22.7
U.S. GOVERNMENT.....................	176	184	143	112	4.5	-22.3	-21.7
INSTITUTIONAL SUPPORT.............	489	496	396	328	1.4	-20.2	-17.2
SELF-SUPPORT......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES............	302	261	249	169	-13.6	-4.6	-32.1
FOREIGN SOURCES, TOTAL..............	387	364	394	396	-5.9	8.2	.5
RESEARCH ASSISTANTSHIPS, TOTAL.......	8,058	8,412	8,038	8,253	4.4	-4.4	2.7
U.S. SOURCES, TOTAL.................	8,046	8,391	8,030	8,242	4.3	-4.3	2.6
U.S. GOVERNMENT.....................	5,261	5,522	5,244	5,582	5.0	-5.0	6.4
INSTITUTIONAL SUPPORT.............	2,072	2,242	2,107	1,818	8.2	-6.0	-13.7
SELF-SUPPORT......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES............	713	627	679	842	-12.1	8.3	24.0
FOREIGN SOURCES, TOTAL..............	12	21	8	11	*	*	*
U.S. CITIZENS.......................	4,290	4,517	4,573	4,725	5.3	1.2	3.3
U.S. SOURCES, TOTAL.................	4,290	4,517	4,573	4,725	5.3	1.2	3.3
U.S. GOVERNMENT.....................	2,888	2,949	2,892	3,096	2.1	-1.9	7.1
INSTITUTIONAL SUPPORT.............	1,001	1,204	1,253	1,090	20.3	4.1	-13.0
SELF-SUPPORT......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES............	401	364	428	539	-9.2	17.6	25.9
FOREIGN SOURCES, TOTAL..............	0	0	0	0	---	---	---
FOREIGN STUDENTS....................	3,768	3,895	[illegible]	3,528	3.4	-11.0	1.8
U.S. SOURCES, TOTAL.................	3,756	3,874	3,457	3,517	3.1	-10.8	1.7
U.S. GOVERNMENT.....................	2,373	2,573	2,352	2,486	8.4	-8.6	5.7
INSTITUTIONAL SUPPORT.............	1,071	1,038	854	728	-3.1	-17.7	-14.8
SELF-SUPPORT......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES............	312	263	251	303	-15.7	-4.6	20.7
FOREIGN SOURCES, TOTAL..............	12	21	8	11	*	*	*

TABLE D-7B. FULL-TIME GRADUATE STUDENTS IN ENGINEERING GRADUATE DEPARTMENTS REPORTING CONSISTENTLY FOR FOUR YEARS, BY SOURCE AND TYPE OF MAJOR SUPPORT AND CITIZENSHIP, 1969-72 (CONTINUED)

SOURCE OF MAJOR SUPPORT	NUMBER 1969	1970	1971	1972	PERCENT CHANGE 1969-70	1970-71	1971-72
TEACHING ASSISTANTSHIPS, TOTAL.......	3,885	4,059	4,087	4,180	4.5	.7	2.3
U.S. SOURCES, TOTAL.................	3,885	4,059	4,087	4,180	4.5	.7	2.3
U.S. GOVERNMENT....................	73	59	61	49	-19.2	3.4	-19.7
INSTITUTIONAL SUPPORT.............	3,787	3,986	4,012	4,098	5.3	.7	2.1
SELF-SUPPORT.......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES............	25	14	14	33	*	*	*
FOREIGN SOURCES, TOTAL.............	0	0	0	0	---	---	---
U.S. CITIZENS.......................	2,278	2,452	2,589	2,708	7.6	5.6	4.6
U.S. SOURCES, TOTAL.................	2,278	2,452	2,589	2,708	7.6	5.6	4.6
U.S. GOVERNMENT....................	29	28	43	33	*	*	*
INSTITUTIONAL SUPPORT.............	2,232	2,414	2,537	2,650	8.2	5.1	4.5
SELF-SUPPORT.......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES............	17	10	9	25	*	*	*
FOREIGN SOURCES, TOTAL.............	0	0	0	0	---	---	---
FOREIGN STUDENTS....................	1,607	1,607	1,498	1,472	□	-6.8	-1.7
U.S. SOURCES, TOTAL.................	1,607	1,607	1,498	1,472	□	-6.8	-1.7
U.S. GOVERNMENT....................	44	31	18	16	*	*	*
INSTITUTIONAL SUPPORT.............	1,555	1,572	1,475	1,448	1.1	-6.2	-1.8
SELF-SUPPORT.......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES............	8	4	5	8	*	*	*
FOREIGN SOURCES, TOTAL.............	0	0	0	0	---	---	---
OTHER TYPES OF MAJOR SUPPORT, TOTAL..	8,500	9,247	9,973	9,482	8.8	7.9	-4.9
U.S. SOURCES, TOTAL.................	8,000	8,773	9,508	9,000	9.7	8.4	-5.3
U.S. GOVERNMENT....................	1,241	1,278	1,173	1,077	3.0	-8.2	-8.2
INSTITUTIONAL SUPPORT.............	397	357	391	496	-10.1	9.5	26.9
SELF-SUPPORT.......................	4,906	5,741	6,862	6,5[illegible]	17.0	19.5	-4.4
ALL OTHER U.S. SOURCES............	1,456	1,397	1,082	869	-4.1	-22.5	-19.7
FOREIGN SOURCES, TOTAL.............	500	474	465	482	-5.2	-1.9	3.7
U.S. CITIZENS.......................	5,354	5,706	5,953	5,924	6.6	4.3	-.5
U.S. SOURCES, TOTAL.................	5,354	5,706	5,953	5,924	6.6	4.3	-.5
U.S. GOVERNMENT....................	1,161	1,193	1,064	985	2.8	-10.8	-7.4
INSTITUTIONAL SUPPORT.............	294	242	242	348	-17.7	□	43.8
SELF-SUPPORT.......................	2,676	3,123	3,766	3,839	16.7	20.6	1.9
ALL OTHER U.S. SOURCES............	1,223	1,148	881	752	-6.1	-23.3	-14.6
FOREIGN SOURCES, TOTAL.............	0	0	0	0	---	---	---
FOREIGN STUDENTS....................	3,146	3,541	4,020	3,558	12.6	13.5	-11.5
U.S. SOURCES, TOTAL.................	2,646	3,067	3,555	3,076	15.9	15.9	-13.5
U.S. GOVERNMENT....................	80	85	109	92	6.3	28.2	-15.6
INSTITUTIONAL SUPPORT.............	103	115	149	148	11.7	29.6	-.7
SELF-SUPPORT.......................	2,230	2,618	3,096	2,719	17.4	18.3	-12.2
ALL OTHER U.S. SOURCES............	233	249	201	117	6.9	-19.3	-41.8
FOREIGN SOURCES, TOTAL.............	500	474	465	482	-5.2	-1.9	3.7

□ LESS THAN 0.05 PERCENT CHANGE.
* PERCENT CHANGE IS NOT SHOWN WHEN BASE IS 50 OR LESS.

TABLE D-7C. FULL-TIME GRADUATE STUDENTS IN PHYSICAL SCIENCE GRADUATE DEPARTMENTS REPORTING CONSISTENTLY FOR FOUR YEARS, BY SOURCE AND TYPE OF MAJOR SUPPORT AND CITIZENSHIP, 1969-72

SOURCE OF MAJOR SUPPORT	NUMBER				PERCENT CHANGE		
	1969	1970	1971	1972	1969-70	1970-71	1971-72
ALL SOURCES OF MAJOR SUPPORT, TOTAL..	29,318	28,442	27,245	25,776	-3.0	-4.2	-5.4
U.S. SOURCES, TOTAL..................	29,042	28,181	26,939	25,462	-3.0	-4.4	-5.5
U.S. GOVERNMENT....................	12,724	11,665	10,260	8,941	-8.3	-12.0	-12.9
INSTITUTIONAL SUPPORT............	12,353	12,606	12,501	12,697	2.0	-.8	1.6
SELF-SUPPORT.......................	2,332	2,224	2,620	2,630	-4.6	17.8	.4
ALL OTHER U.S. SOURCES............	1,633	1,686	1,558	1,194	3.2	-7.6	-23.4
FOREIGN SOURCES, TOTAL..............	276	261	306	314	-5.4	17.2	2.6
U.S. CITIZENS.......................	23,767	22,769	21,699	20,722	-4.2	-4.7	-4.5
U.S. SOURCES, TOTAL..................	23,752	22,759	21,693	20,715	-4.2	-4.7	-4.5
U.S. GOVERNMENT....................	10,948	9,922	8,613	7,531	-9.4	-13.2	-12.6
INSTITUTIONAL SUPPORT............	9,648	9,732	9,705	10,019	.9	-.3	3.2
SELF-SUPPORT.......................	1,879	1,806	2,144	2,189	-3.9	18.7	2.1
ALL OTHER U.S. SOURCES............	1,277	1,299	1,231	976	1.7	-5.2	-20.7
FOREIGN SOURCES, TOTAL..............	15	10	6	7	*	*	*
FOREIGN STUDENTS.....................	5,551	5,673	5,546	5,054	2.2	-2.2	-8.9
U.S. SOURCES, TOTAL..................	5,290	5,422	5,246	4,747	2.5	-3.2	-9.5
U.S. GOVERNMENT....................	1,776	1,743	1,647	1,410	-1.9	-5.5	-14.4
INSTITUTIONAL SUPPORT............	2,705	2,874	2,796	2,678	6.2	-2.7	-4.2
SELF-SUPPORT.......................	453	418	476	441	-7.7	13.9	-7.4
ALL OTHER U.S. SOURCES............	356	387	327	218	8.7	-15.5	-33.3
FOREIGN SOURCES, TOTAL..............	261	251	300	307	-3.8	19.5	2.3
FELLOWSHIPS AND TRAINEESHIPS, TOTAL..	6,797	5,893	4,986	3,834	-13.3	-15.4	-23.1
U.S. SOURCES, TOTAL..................	6,610	5,716	4,786	3,644	-13.5	-16.3	-23.9
U.S. GOVERNMENT....................	4,652	3,843	3,027	1,951	-17.4	-21.2	-35.5
INSTITUTIONAL SUPPORT............	1,234	1,244	1,156	1,189	.8	-7.1	2.9
SELF-SUPPORT.......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES............	724	629	603	504	-13.1	-4.1	-16.4
FOREIGN SOURCES, TOTAL..............	187	177	200	190	-5.3	13.0	-5.0
U.S. CITIZENS.......................	6,042	5,172	4,318	3,275	-14.4	-16.5	-24.2
U.S. SOURCES, TOTAL..................	6,028	5,162	4,312	3,268	-14.4	-16.5	-24.2
U.S. GOVERNMENT....................	4,603	3,802	2,964	1,907	-17.4	-22.0	-35.7
INSTITUTIONAL SUPPORT............	872	895	885	959	2.6	-1.1	8.4
SELF-SUPPORT.......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES............	553	465	463	402	-15.9	-.4	-13.2
FOREIGN SOURCES, TOTAL..............	14	10	6	7	*	*	*
FOREIGN STUDENTS.....................	755	721	668	559	-4.5	-7.4	-16.3
U.S. SOURCES, TOTAL..................	582	554	474	376	-4.8	-14.4	-20.7
U.S. GOVERNMENT....................	49	41	63	44	*	*	-30.2
INSTITUTIONAL SUPPORT............	362	349	271	230	-3.6	-22.3	-15.1
SELF-SUPPORT.......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES............	171	164	140	102	-4.1	-14.6	-27.1
FOREIGN SOURCES, TOTAL..............	173	167	194	183	-3.5	16.2	-5.7
RESEARCH ASSISTANTSHIPS, TOTAL.......	9,135	8,727	8,131	8,062	-4.5	-6.8	-.8
U.S. SOURCES, TOTAL..................	9,125	8,721	8,121	8,037	-4.4	-6.9	-1.0
U.S. GOVERNMENT....................	7,626	7,293	6,759	6,548	-4.4	-7.3	-3.1
INSTITUTIONAL SUPPORT............	952	867	866	1,027	-8.9	-.1	18.6
SELF-SUPPORT.......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES............	547	561	496	462	2.6	-11.6	-6.9
FOREIGN SOURCES, TOTAL..............	10	6	10	25	*	*	*
U.S. CITIZENS.......................	7,103	6,745	6,245	6,399	-5.0	-7.4	2.5
U.S. SOURCES, TOTAL..................	7,103	6,745	6,245	6,399	-5.0	-7.4	2.5
U.S. GOVERNMENT....................	5,937	5,641	5,207	5,211	-5.0	-7.7	.1
INSTITUTIONAL SUPPORT............	726	664	651	805	-8.5	-2.0	23.7
SELF-SUPPORT.......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES............	440	440	387	383	0	-12.0	-1.0
FOREIGN SOURCES, TOTAL..............	0	0	0	0	---	---	---
FOREIGN STUDENTS.....................	2,032	1,982	1,886	1,663	-2.5	-4.8	-11.8
U.S. SOURCES, TOTAL..................	2,022	1,976	1,876	1,638	-2.3	-5.1	-12.7
U.S. GOVERNMENT....................	1,689	1,652	1,552	1,337	-2.2	-6.1	-13.9
INSTITUTIONAL SUPPORT............	226	203	215	222	-10.2	5.9	3.3
SELF-SUPPORT.......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES............	107	121	109	79	13.1	-9.9	-27.5
FOREIGN SOURCES, TOTAL..............	10	6	10	25	*	*	*

TABLE D-7C. FULL-TIME GRADUATE STUDENTS IN PHYSICAL SCIENCE GRADUATE DEPARTMENTS REPORTING CONSISTENTLY FOR FOUR YEARS, BY SOURCE AND TYPE OF MAJOR SUPPORT AND CITIZENSHIP, 1969-72 (CONTINUED)

SOURCE OF MAJOR SUPPORT	NUMBER				PERCENT CHANGE		
	1969	1970	1971	1972	1969-70	1970-71	1971-72
TEACHING ASSISTANTSHIPS, TOTAL	10,019	10,460	10,345	10,249	4.4	-1.1	-.9
U.S. SOURCES, TOTAL	10,019	10,460	10,345	10,249	4.4	-1.1	-.9
U.S. GOVERNMENT	63	116	111	46	84.1	-4.3	-58.6
INSTITUTIONAL SUPPORT	9,948	10,246	10,185	10,187	3.0	-.6	□
SELF-SUPPORT	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES	8	98	49	16	*	-50.0	*
FOREIGN SOURCES, TOTAL	0	0	0	0	---	---	---
U.S. CITIZENS	7,934	8,136	8,057	8,086	2.5	-1.0	.4
U.S. SOURCES, TOTAL	7,934	8,136	8,057	8,086	2.5	-1.0	.4
U.S. GOVERNMENT	51	84	93	38	64.7	10.7	-59.1
INSTITUTIONAL SUPPORT	7,877	7,972	7,925	8,035	1.2	-.6	1.4
SELF-SUPPORT	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES	6	80	39	13	*	-51.3	*
FOREIGN SOURCES, TOTAL	0	0	0	0	---	---	---
FOREIGN STUDENTS	2,085	2,324	2,288	2,163	11.5	-1.5	-5.5
U.S. SOURCES, TOTAL	2,085	2,324	2,288	2,163	11.5	-1.5	-5.5
U.S. GOVERNMENT	12	32	18	8	*	*	*
INSTITUTIONAL SUPPORT	2,071	2,274	2,260	2,152	9.8	-.6	-4.8
SELF-SUPPORT	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES	2	18	10	3	*	*	*
FOREIGN SOURCES, TOTAL	0	0	0	0	---	---	---
OTHER TYPES OF MAJOR SUPPORT, TOTAL	3,367	3,362	3,783	3,631	-.1	12.5	-4.0
U.S. SOURCES, TOTAL	3,288	3,284	3,687	3,532	-.1	12.3	-4.2
U.S. GOVERNMENT	383	413	363	396	7.8	-12.1	9.1
INSTITUTIONAL SUPPORT	219	249	294	294	13.7	18.1	□
SELF-SUPPORT	2,332	2,224	2,620	2,630	-4.6	17.8	.4
ALL OTHER U.S. SOURCES	354	398	410	212	12.4	3.0	-48.3
FOREIGN SOURCES, TOTAL	79	78	96	99	-1.3	23.1	3.1
U.S. CITIZENS	2,688	2,716	3,079	2,962	1.0	13.4	-3.8
U.S. SOURCES, TOTAL	2,687	2,716	3,079	2,962	1.1	13.4	-3.8
U.S. GOVERNMENT	357	395	349	375	10.6	-11.6	7.4
INSTITUTIONAL SUPPORT	173	201	244	220	16.2	21.4	-9.8
SELF-SUPPORT	1,879	1,806	2,144	2,189	-3.9	18.7	2.1
ALL OTHER U.S. SOURCES	278	314	342	178	12.9	8.9	-48.0
FOREIGN SOURCES, TOTAL	1	0	0	0	*	---	---
FOREIGN STUDENTS	679	646	704	669	-4.9	9.0	-5.0
U.S. SOURCES, TOTAL	601	568	608	570	-5.5	7.0	-6.3
U.S. GOVERNMENT	26	18	14	21	*	*	*
INSTITUTIONAL SUPPORT	46	48	50	74	*	*	48.0
SELF-SUPPORT	453	418	476	441	-7.7	13.9	-7.4
ALL OTHER U.S. SOURCES	76	84	68	34	10.5	-19.0	-50.0
FOREIGN SOURCES, TOTAL	78	78	96	99	□	23.1	3.1

□ LESS THAN 0.05 PERCENT CHANGE.
* PERCENT CHANGE IS NOT SHOWN WHEN BASE IS 50 OR LESS.

TABLE D-7D. FULL-TIME GRADUATE STUDENTS IN MATHEMATICAL SCIENCE GRADUATE DEPARTMENTS REPORTING CONSISTENTLY FOR FOUR YEARS, BY SOURCE AND TYPE OF MAJOR SUPPORT AND CITIZENSHIP, 1969-72

SOURCE OF MAJOR SUPPORT	NUMBER				PERCENT CHANGE		
	1969	1970	1971	1972	1969-70	1970-71	1971-72
ALL SOURCES OF MAJOR SUPPORT, TOTAL..	11,781	11,991	11,563	10,953	1.8	-3.6	-5.3
U.S. SOURCES, TOTAL	11,661	11,842	11,436	10,775	1.6	-3.4	-5.8
U.S. GOVERNMENT	3,123	2,772	2,229	1,714	-11.2	-19.6	-23.1
INSTITUTIONAL SUPPORT	5,993	6,512	6,197	6,228	8.7	-4.8	.5
SELF-SUPPORT	2,115	2,099	2,545	2,520	-.8	21.2	-1.0
ALL OTHER U.S. SOURCES	430	459	465	313	6.7	1.3	-32.7
FOREIGN SOURCES, TOTAL	120	149	127	178	24.2	-14.8	40.2
U.S. CITIZENS	9,717	9,799	9,349	8,883	.8	-4.6	-5.0
U.S. SOURCES, TOTAL	9,713	9,798	9,342	8,882	.9	-4.7	-4.9
U.S. GOVERNMENT	2,839	2,444	1,948	1,453	-13.9	-20.3	-25.4
INSTITUTIONAL SUPPORT	4,762	5,230	5,032	5,147	9.8	-3.8	2.3
SELF-SUPPORT	1,777	1,753	1,976	2,018	-1.4	12.7	2.1
ALL OTHER U.S. SOURCES	335	371	386	264	10.7	4.0	-31.6
FOREIGN SOURCES, TOTAL	4	1	7	1	*	*	*
FOREIGN STUDENTS	2,064	2,192	2,214	2,070	6.2	1.0	-6.5
U.S. SOURCES, TOTAL	1,948	2,044	2,094	1,893	4.9	2.4	-9.6
U.S. GOVERNMENT	284	328	281	261	15.5	-14.3	-7.1
INSTITUTIONAL SUPPORT	1,231	1,282	1,165	1,081	4.1	-9.1	-7.2
SELF-SUPPORT	338	346	569	502	2.4	64.5	-11.8
ALL OTHER U.S. SOURCES	95	88	79	49	-7.4	-10.2	-38.0
FOREIGN SOURCES, TOTAL	116	148	120	177	27.6	-18.9	47.5
FELLOWSHIPS AND TRAINEESHIPS, TOTAL..	2,696	2,429	2,104	1,511	-9.9	-13.4	-28.2
U.S. SOURCES, TOTAL	2,618	2,332	2,012	1,411	-10.9	-13.7	-29.9
U.S. GOVERNMENT	1,933	1,666	1,326	776	-13.8	-20.4	-41.5
INSTITUTIONAL SUPPORT	499	478	473	500	-4.2	-1.0	5.7
SELF-SUPPORT	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES	186	188	213	135	1.1	13.3	-36.6
FOREIGN SOURCES, TOTAL	78	97	92	100	24.4	-5.2	8.7
U.S. CITIZENS	2,353	2,120	1,818	1,280	-9.9	-14.2	-29.6
U.S. SOURCES, TOTAL	2,349	2,119	1,811	1,279	-9.8	-14.5	-29.4
U.S. GOVERNMENT	1,909	1,650	1,310	766	-13.6	-20.6	-41.5
INSTITUTIONAL SUPPORT	309	318	331	404	2.9	4.1	22.1
SELF-SUPPORT	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES	131	151	170	109	15.3	12.6	-35.9
FOREIGN SOURCES, TOTAL	4	1	7	1	*	*	*
FOREIGN STUDENTS	343	309	286	231	-9.9	-7.4	-19.2
U.S. SOURCES, TOTAL	269	213	201	132	-20.8	-5.6	-34.3
U.S. GOVERNMENT	24	16	16	10	*	*	*
INSTITUTIONAL SUPPORT	190	160	142	96	-15.8	-11.3	-32.4
SELF-SUPPORT	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES	55	37	43	26	-32.7	*	*
FOREIGN SOURCES, TOTAL	74	96	85	99	29.7	-11.5	16.5
RESEARCH ASSISTANTSHIPS, TOTAL	1,083	1,177	956	1,010	8.7	-18.8	5.6
U.S. SOURCES, TOTAL	1,083	1,176	953	1,004	8.6	-19.0	5.4
U.S. GOVERNMENT	779	809	663	703	3.9	-18.0	6.0
INSTITUTIONAL SUPPORT	275	344	283	295	25.1	-17.7	4.2
SELF-SUPPORT	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES	29	23	7	6	*	*	*
FOREIGN SOURCES, TOTAL	0	1	3	6	---	*	*
U.S. CITIZENS	773	797	645	721	3.1	-19.1	11.8
U.S. SOURCES, TOTAL	773	797	645	721	3.1	-19.1	11.8
U.S. GOVERNMENT	540	522	417	483	-3.3	-20.1	15.8
INSTITUTIONAL SUPPORT	215	259	222	232	20.5	-14.3	4.5
SELF-SUPPORT	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES	18	16	6	6	*	*	*
FOREIGN SOURCES, TOTAL	0	0	0	0	---	---	---
FOREIGN STUDENTS	310	380	311	289	22.6	-18.2	-7.1
U.S. SOURCES, TOTAL	310	379	308	283	22.3	-18.7	-8.1
U.S. GOVERNMENT	239	287	246	220	20.1	-14.3	-10.6
INSTITUTIONAL SUPPORT	60	85	61	63	41.7	-28.2	3.3
SELF-SUPPORT	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES	11	7	1	0	*	*	*
FOREIGN SOURCES, TOTAL	0	1	3	6	---	*	*

TABLE D-70. FULL-TIME GRADUATE STUDENTS IN MATHEMATICAL SCIENCE GRADUATE DEPARTMENTS REPORTING CONSISTENTLY FOR FOUR YEARS, BY SOURCE AND TYPE OF MAJOR SUPPORT AND CITIZENSHIP, 1969-72 (CONTINUED)

SOURCE OF MAJOR SUPPORT	NUMBER				PERCENT CHANGE		
	1969	1970	1971	1972	1969-70	1970-71	1971-72
TEACHING ASSISTANTSHIPS, TOTAL.......	4,962	5,429	5,311	5,300	9.4	-2.2	-.2
U.S. SOURCES, TOTAL..................	4,962	5,429	5,311	5,300	9.4	-2.2	-.2
U.S. GOVERNMENT......................	42	30	62	33	*	*	-46.8
INSTITUTIONAL SUPPORT................	4,909	5,374	5,210	5,247	9.5	-3.1	.7
SELF-SUPPORT.........................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES...............	11	25	39	20	*	*	*
FOREIGN SOURCES, TOTAL...............	0	0	0	0	---	---	---
U.S. CITIZENS........................	4,018	4,421	4,383	4,407	10.0	-.9	.5
U.S. SOURCES, TOTAL..................	4,018	4,421	4,383	4,407	10.0	-.9	.5
U.S. GOVERNMENT......................	40	22	57	28	*	*	-50.9
INSTITUTIONAL SUPPORT................	3,971	4,383	4,289	4,365	10.4	-2.1	1.8
SELF-SUPPORT.........................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES...............	7	16	37	14	*	*	*
FOREIGN SOURCES, TOTAL...............	0	0	0	0	---	---	---
FOREIGN STUDENTS.....................	944	1,008	928	893	6.8	-7.9	-3.8
U.S. SOURCES, TOTAL..................	944	1,008	928	893	6.8	-7.9	-3.8
U.S. GOVERNMENT......................	2	8	5	5	*	*	*
INSTITUTIONAL SUPPORT................	938	991	921	882	5.7	-7.1	-4.2
SELF-SUPPORT.........................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES...............	4	9	2	6	*	*	*
FOREIGN SOURCES, TOTAL...............	0	0	0	0	---	---	---
OTHER TYPES OF MAJOR SUPPORT, TOTAL..	3,040	2,956	3,192	3,132	-2.8	8.0	-1.9
U.S. SOURCES, TOTAL..................	2,998	2,905	3,160	3,060	-3.1	8.8	-3.2
U.S. GOVERNMENT......................	369	267	178	202	-27.6	-33.3	13.5
INSTITUTIONAL SUPPORT................	310	316	231	186	1.9	-26.9	-19.5
SELF-SUPPORT.........................	2,115	2,099	2,545	2,520	-.8	21.2	-1.0
ALL OTHER U.S. SOURCES...............	204	223	206	152	9.3	-7.6	-26.2
FOREIGN SOURCES, TOTAL...............	42	51	32	72	*	-37.3	*
U.S. CITIZENS........................	2,573	2,461	2,503	2,475	-4.4	1.7	-1.1
U.S. SOURCES, TOTAL..................	2,573	2,461	2,503	2,475	-4.4	1.7	-1.1
U.S. GOVERNMENT......................	350	250	164	176	-28.6	-34.4	7.3
INSTITUTIONAL SUPPORT................	267	270	190	146	1.1	-29.6	-23.2
SELF-SUPPORT.........................	1,777	1,753	1,976	2,018	-1.4	12.7	2.1
ALL OTHER U.S. SOURCES...............	179	188	173	135	5.0	-8.0	-22.0
FOREIGN SOURCES, TOTAL...............	0	0	0	0	---	---	---
FOREIGN STUDENTS.....................	467	495	689	657	6.0	39.2	-4.6
U.S. SOURCES, TOTAL..................	425	444	657	585	4.5	48.0	-11.0
U.S. GOVERNMENT......................	19	17	14	26	*	*	*
INSTITUTIONAL SUPPORT................	43	46	41	40	*	*	*
SELF-SUPPORT.........................	338	346	569	502	2.4	64.5	-11.8
ALL OTHER U.S. SOURCES...............	25	35	33	17	*	*	*
FOREIGN SOURCES, TOTAL...............	42	51	32	72	*	-37.3	*

□ LESS THAN 0.05 PERCENT CHANGE.
* PERCENT CHANGE IS NOT SHOWN WHEN BASE IS 50 OR LESS.

TABLE D-7 E. FULL-TIME GRADUATE STUDENTS IN LIFE SCIENCE GRADUATE DEPARTMENTS REPORTING CONSISTENTLY FOR FOUR YEARS, BY SOURCE AND TYPE OF MAJOR SUPPORT AND CITIZENSHIP, 1969-72

SOURCE OF MAJOR SUPPORT	NUMBER 1969	1970	1971	1972	PERCENT CHANGE 1969-70	1970-71	1971-72
ALL SOURCES OF MAJOR SUPPORT, TOTAL..	22,644	22,74[illegible]	22,945	22,246	.5	[illegible]	-3.0
U.S. SOURCES, TOTAL................	22,358	22,399	22,632	21,737	.2	1.0	-4.0
U.S. GOVERNMENT....................	9,119	8,555	7,885	6,954	-6.2	-7.8	-11.8
INSTITUTIONAL SUPPORT............	8,374	8,562	8,646	9,092	2.2	1.0	5.2
SELF-SUPPORT......................	3,499	3,859	4,569	4,579	10.3	18.4	.2
ALL OTHER U.S. SOURCES...........	1,366	1,423	1,532	1,112	4.2	7.7	-27.4
FOREIGN SOURCES, TOTAL..............	286	347	313	509	21.3	-9.8	62.6
U.S. CITIZENS........................	19,236	19,339	19,576	19,128	.5	1.2	-2.3
U.S. SOURCES, TOTAL................	19,230	19,322	19,573	19,122	.5	1.3	-2.3
U.S. GOVERNMENT....................	8,194	7,680	7,061	6,216	-6.3	-8.1	-12.0
INSTITUTIONAL SUPPORT............	7,074	7,256	7,340	8,031	2.6	1.2	9.4
SELF-SUPPORT......................	3,029	3,416	4,083	4,026	12.8	19.5	-1.4
ALL OTHER U.S. SOURCES...........	933	970	1,089	849	4.0	12.3	-22.0
FOREIGN SOURCES, TOTAL..............	6	17	3	6	*	*	*
FOREIGN STUDENTS.....................	3,408	3,407	3,369	3,118	□	-1.1	-7.5
U.S. SOURCES, TOTAL................	3,128	3,077	3,059	2,615	-1.6	-.6	-14.5
U.S. GOVERNMENT....................	925	875	824	738	-5.4	-5.8	-10.4
INSTITUTIONAL SUPPORT............	1,300	1,306	1,306	1,061	.5	□	-18.8
SELF-SUPPORT......................	470	443	486	553	-5.7	9.7	13.8
ALL OTHER U.S. SOURCES...........	433	453	443	263	4.6	-2.2	-40.6
FOREIGN SOURCES, TOTAL..............	280	330	310	503	17.9	-6.1	62.3
FELLOWSHIPS AND TRAINEESHIPS, TOTAL..	7,580	7,110	6,530	5,384	-6.2	-8.2	-17.5
U.S. SOURCES, TOTAL................	7,406	6,889	6,357	5,118	-7.0	-7.7	-19.5
U.S. GOVERNMENT....................	6,166	5,550	4,988	3,949	-10.0	-10.1	-20.8
INSTITUTIONAL SUPPORT............	796	831	867	836	4.4	4.3	-3.6
SELF-SUPPORT......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES...........	444	508	502	333	14.4	-1.2	-33.7
FOREIGN SOURCES, TOTAL..............	174	221	173	266	27.0	-21.7	53.8
U.S. CITIZENS........................	6,818	6,279	5,767	4,707	-7.9	-8.2	-18.4
U.S. SOURCES, TOTAL................	6,814	6,262	5,764	4,701	-8.1	-8.0	-18.4
U.S. GOVERNMENT....................	5,934	5,314	4,765	3,788	-10.4	-10.3	-20.5
INSTITUTIONAL SUPPORT............	650	656	682	687	.9	4.0	.7
SELF-SUPPORT......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES...........	230	292	317	226	27.0	8.6	-28.7
FOREIGN SOURCES, TOTAL..............	4	17	3	6	*	*	*
FOREIGN STUDENTS.....................	762	831	763	677	9.1	-8.2	-11.3
U.S. SOURCES, TOTAL................	592	627	593	417	5.9	-5.4	-29.7
U.S. GOVERNMENT....................	232	236	223	161	1.7	-5.5	-27.8
INSTITUTIONAL SUPPORT............	146	175	185	149	19.9	5.7	-19.5
SELF-SUPPORT......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES...........	214	216	185	107	.9	-14.4	-42.2
FOREIGN SOURCES, TOTAL..............	170	204	170	260	20.0	-16.7	52.9
RESEARCH ASSISTANTSHIPS, TOTAL.......	5,175	5,194	5,153	5,271	.4	-.8	2.3
U.S. SOURCES, TOTAL................	5,158	5,179	5,137	5,237	.4	-.8	1.9
U.S. GOVERNMENT....................	2,617	2,623	2,536	2,510	.2	-3.3	-1.0
INSTITUTIONAL SUPPORT............	2,025	2,081	2,088	2,216	2.8	.3	6.1
SELF-SUPPORT......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES...........	516	475	513	511	-7.9	8.0	-.4
FOREIGN SOURCES, TOTAL..............	17	15	16	34	*	*	*
U.S. CITIZENS........................	3,866	3,993	4,050	4,299	3.2	1.4	6.1
U.S. SOURCES, TOTAL................	3,866	3,993	4,050	4,299	3.3	1.4	6.1
U.S. GOVERNMENT....................	1,999	2,047	2,017	2,03[illegible]	2.4	-1.5	.8
INSTITUTIONAL SUPPORT............	1,493	1,595	1,628	1,445	6.8	2.1	13.3
SELF-SUPPORT......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES...........	374	351	405	[illegible]20	-6.1	15.4	3.7
FOREIGN SOURCES, TOTAL..............	2	0	0	0	*	---	---
FOREIGN STUDENTS.....................	1,307	1,201	1,103	972	-8.1	-8.2	-11.9
U.S. SOURCES, TOTAL................	1,292	1,186	1,087	938	-8.2	-8.3	-13.7
U.S. GOVERNMENT....................	618	576	519	476	-6.8	-9.9	-8.3
INSTITUTIONAL SUPPORT............	532	486	460	371	-8.6	-5.3	-19.3
SELF-SUPPORT......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES...........	142	124	108	91	-12.7	-12.9	-15.7
FOREIGN SOURCES, TOTAL..............	15	15	16	34	*	*	*

TABLE D-7E. FULL-TIME GRADUATE STUDENTS IN LIFE SCIENCE GRADUATE DEPARTMENTS REPORTING CONSISTENTLY FOR FOUR YEARS, BY SOURCE AND TYPE OF MAJOR SUPPORT AND CITIZENSHIP, 1969-72 (CONTINUED)

	NUMBER				PERCENT CHANGE		
SOURCE OF MAJOR SUPPORT	1969	1970	1971	1972	1969-70	1970-71	1971-72
TEACHING ASSISTANTSHIPS, TOTAL........	5,319	5,498	5,504	5,714	3.4	.1	3.8
U.S. SOURCES, TOTAL..................	5,319	5,498	5,504	5,714	3.4	.1	3.8
U.S. GOVERNMENT....................	44	76	76	83	*	□	9.2
INSTITUTIONAL SUPPORT.............	5,234	5,363	5,367	5,594	2.5	.1	4.2
SELF-SUPPORT.......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES............	41	59	61	37	*	3.4	-39.3
FOREIGN SOURCES, TOTAL..............	0	0	0	0	---	---	---
U.S. CITIZENS........................	4,730	4,871	4,869	5,218	3.0	□	7.2
U.S. SOURCES, TOTAL..................	4,730	4,871	4,869	5,218	3.0	□	7.2
U.S. GOVERNMENT....................	39	61	62	66	*	1.6	6.5
INSTITUTIONAL SUPPORT.............	4,654	4,756	4,753	5,123	2.2	-.1	7.8
SELF-SUPPORT.......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES............	37	54	54	29	*	□	-46.3
FOREIGN SOURCES, TOTAL..............	0	0	0	0	---	---	---
FOREIGN STUDENTS.....................	589	627	635	496	6.5	1.3	-21.9
U.S. SOURCES, TOTAL..................	589	627	635	496	6.5	1.3	-21.9
U.S. GOVERNMENT....................	5	15	14	17	*	*	*
INSTITUTIONAL SUPPORT.............	580	607	614	471	4.7	1.2	-23.3
SELF-SUPPORT.......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES............	4	5	7	8	*	*	*
FOREIGN SOURCES, TOTAL..............	0	0	0	0	---	---	---
OTHER TYPES OF MAJOR SUPPORT, TOTAL..	4,570	4,944	5,758	5,877	8.2	16.5	2.1
U.S. SOURCES, TOTAL..................	4,475	4,833	5,634	5,668	8.0	16.6	.6
U.S. GOVERNMENT....................	292	306	285	412	4.8	-6.9	44.6
INSTITUTIONAL SUPPORT.............	319	287	324	446	-10.0	12.9	37.7
SELF-SUPPORT.......................	3,499	3,859	4,569	4,579	10.3	18.4	.2
ALL OTHER U.S. SOURCES............	365	381	456	231	4.4	19.7	-49.3
FOREIGN SOURCES, TOTAL..............	95	111	124	209	16.8	11.7	68.5
U.S. CITIZENS........................	3,820	4,196	4,890	4,904	9.8	16.5	.3
U.S. SOURCES, TOTAL..................	3,820	4,196	4,890	4,904	9.8	16.5	.3
U.S. GOVERNMENT....................	222	258	217	328	16.2	-15.9	51.2
INSTITUTIONAL SUPPORT.............	277	249	277	376	-10.1	11.2	35.7
SELF-SUPPORT.......................	3,029	3,416	4,083	4,026	12.8	19.5	-1.4
ALL OTHER U.S. SOURCES............	292	273	313	174	-6.5	14.7	-44.4
FOREIGN SOURCES, TOTAL..............	0	0	0	0	---	---	---
FOREIGN STUDENTS.....................	750	748	868	973	-.3	16.0	12.1
U.S. SOURCES, TOTAL..................	655	637	744	764	-2.7	16.8	2.7
U.S. GOVERNMENT....................	70	48	68	84	-31.4	*	23.5
INSTITUTIONAL SUPPORT.............	42	38	47	70	*	*	*
SELF-SUPPORT.......................	470	443	486	553	-5.7	9.7	13.8
ALL OTHER U.S. SOURCES............	73	108	143	57	47.9	32.4	-60.1
FOREIGN SOURCES, TOTAL..............	95	111	124	209	16.8	11.7	68.5

□ LESS THAN 0.05 PERCENT CHANGE.
* PERCENT CHANGE IS NOT SHOWN WHEN BASE IS 50 OR LESS.

TABLE D-7F. FULL-TIME GRADUATE STUDENTS IN PSYCHOLOGY GRADUATE DEPARTMENTS REPORTING CONSISTENTLY FOR FOUR YEARS, BY SOURCE AND TYPE OF MAJOR SUPPORT AND CITIZENSHIP, 1969-72

SOURCE OF MAJOR SUPPORT	NUMBER 1969	1970	1971	1972	PERCENT CHANGE 1969-70	1970-71	1971-72
ALL SOURCES OF MAJOR SUPPORT, TOTAL..	11,659	11,780	12,312	12,797	1.0	4.5	3.9
U.S. SOURCES, TOTAL..................	11,625	11,750	12,271	12,754	1.1	4.4	3.9
U.S. GOVERNMENT....................	4,888	4,711	4,511	4,187	-3.6	-4.2	-7.2
INSTITUTIONAL SUPPORT............	3,898	4,128	4,267	4,506	5.9	3.4	5.6
SELF-SUPPORT......................	2,184	2,333	2,816	3,250	6.8	20.7	15.4
ALL OTHER U.S. SOURCES............	655	578	677	811	-11.8	17.1	19.8
FOREIGN SOURCES, TOTAL..............	34	30	41	43	*	*	*
U.S. CITIZENS........................	11,176	11,319	11,819	12,377	1.3	4.4	4.7
U.S. SOURCES, TOTAL..................	11,173	11,318	11,817	12,371	1.3	4.4	4.7
U.S. GOVERNMENT....................	4,792	4,627	4,410	4,099	-3.4	-4.7	-7.1
INSTITUTIONAL SUPPORT............	3,667	3,895	4,055	4,315	6.2	4.1	6.4
SELF-SUPPORT......................	2,081	2,257	2,721	3,174	8.5	20.6	16.6
ALL OTHER U.S. SOURCES............	633	539	631	783	-14.8	17.1	24.1
FOREIGN SOURCES, TOTAL..............	3	1	2	6	*	*	*
FOREIGN STUDENTS.....................	483	461	493	420	-4.6	6.9	-14.8
U.S. SOURCES, TOTAL..................	452	432	454	383	-4.4	5.1	-15.6
U.S. GOVERNMENT....................	96	84	101	88	-12.5	20.2	-12.9
INSTITUTIONAL SUPPORT............	231	233	212	191	.9	-9.0	-9.9
SELF-SUPPORT......................	103	76	95	76	-26.2	25.0	-20.0
ALL OTHER U.S. SOURCES............	22	39	46	28	*	*	*
FOREIGN SOURCES, TOTAL..............	31	29	39	37	*	*	*
FELLOWSHIPS AND TRAINEESHIPS, TOTAL..	4,569	4,531	4,279	3,935	-.8	-5.6	-8.0
U.S. SOURCES, TOTAL..................	4,543	4,514	4,248	3,905	-.6	-5.9	-8.1
U.S. GOVERNMENT....................	3,802	3,658	3,371	3,051	-3.8	-7.8	-9.5
INSTITUTIONAL SUPPORT............	570	697	670	692	22.1	-3.7	3.3
SELF-SUPPORT......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES............	171	160	207	162	-6.4	29.4	-21.7
FOREIGN SOURCES, TOTAL..............	26	17	31	30	*	*	*
U.S. CITIZENS........................	4,459	4,415	4,172	3,838	-1.0	-5.5	-8.0
U.S. SOURCES, TOTAL..................	4,456	4,414	4,170	3,832	-.9	-5.5	-8.1
U.S. GOVERNMENT....................	3,782	3,640	3,349	3,026	-3.8	-8.0	-9.6
INSTITUTIONAL SUPPORT............	512	634	632	659	23.8	-.3	4.3
SELF-SUPPORT......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES............	162	140	189	147	-13.6	35.0	-22.2
FOREIGN SOURCES, TOTAL..............	3	1	2	6	*	*	*
FOREIGN STUDENTS.....................	110	116	107	97	5.5	-7.8	-9.3
U.S. SOURCES, TOTAL..................	87	100	78	73	14.9	-22.0	-6.4
U.S. GOVERNMENT....................	20	18	22	25	*	*	*
INSTITUTIONAL SUPPORT............	58	62	38	33	6.9	-38.7	*
SELF-SUPPORT......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES............	9	20	18	15	*	*	*
FOREIGN SOURCES, TOTAL..............	23	16	29	24	*	*	*
RESEARCH ASSISTANTSHIPS, TOTAL.......	1,613	1,605	1,649	1,546	-.5	2.7	-6.?
U.S. SOURCES, TOTAL..................	1,612	1,603	1,647	1,545	-.6	2.7	-6.2
U.S. GOVERNMENT....................	915	874	993	909	-4.5	13.6	-8.5
INSTITUTIONAL SUPPORT............	637	655	553	529	2.8	-15.6	-4.3
SELF-SUPPORT......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES............	60	74	101	107	23.3	36.5	5.9
FOREIGN SOURCES, TOTAL..............	1	2	2	1	*	*	*
U.S. CITIZENS........................	1,501	1,495	1,538	1,458	-.4	2.9	-5.2
U.S. SOURCES, TOTAL..................	1,501	1,495	1,538	1,458	-.4	2.9	-5.2
U.S. GOVERNMENT....................	845	812	921	851	-3.9	13.4	-7.6
INSTITUTIONAL SUPPORT............	600	615	527	508	2.5	-14.3	-3.6
SELF-SUPPORT......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES............	56	68	90	99	21.4	32.4	10.0
FOREIGN SOURCES, TOTAL..............	0	0	0	0	---	---	---
FOREIGN STUDENTS.....................	112	110	111	88	-1.8	.9	-20.7
U.S. SOURCES, TOTAL..................	111	108	109	87	-2.7	.9	-20.2
U.S. GOVERNMENT....................	70	62	72	58	-11.4	16.1	-19.4
INSTITUTIONAL SUPPORT............	37	40	26	21	*	*	*
SELF-SUPPORT......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES............	4	6	11	8	*	*	*
FOREIGN SOURCES, TOTAL..............	1	2	2	1	*	*	*

TABLE 5-7F. FULL-TIME GRADUATE STUDENTS IN PSYCHOLOGY GRADUATE DEPARTMENTS REPORTING CONSISTENTLY FOR FOUR YEARS, BY SOURCE AND TYPE OF MAJOR SUPPORT AND CITIZENSHIP, 1969-72 (CONTINUED)

SOURCE OF MAJOR SUPPORT	NUMBER 1969	1970	1971	1972	PERCENT CHANGE 1969-70	1970-71	1971-72
TEACHING ASSISTANTSHIPS, TOTAL	2,247	2,354	2,425	2,725	4.8	3.0	12.4
U.S. SOURCES, TOTAL	2,247	2,354	2,425	2,725	4.8	3.0	12.4
U.S. GOVERNMENT	9	34	13	23	*	*	*
INSTITUTIONAL SUPPORT	2,236	2,288	2,405	2,684	2.3	5.1	11.6
SELF-SUPPORT	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES	2	32	7	18	*	*	*
FOREIGN SOURCES, TOTAL	0	0	0	0	---	---	---
U.S. CITIZENS	2,122	2,238	2,296	2,604	5.5	2.6	13.4
U.S. SOURCES, TOTAL	2,122	2,238	2,296	2,604	5.5	2.6	13.4
U.S. GOVERNMENT	9	32	13	23	*	*	*
INSTITUTIONAL SUPPORT	2,111	2,174	2,276	2,563	3.0	4.7	12.6
SELF-SUPPORT	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES	2	32	7	18	*	*	*
FOREIGN SOURCES, TOTAL	0	0	0	0	---	---	---
FOREIGN STUDENTS	125	116	129	121	-7.2	11.2	-6.2
U.S. SOURCES, TOTAL	125	116	129	121	-7.2	11.2	-6.2
U.S. GOVERNMENT	0	2	0	0	---	*	---
INSTITUTIONAL SUPPORT	125	114	129	121	-8.8	13.2	-6.2
SELF-SUPPORT	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES	0	0	0	0	---	---	---
FOREIGN SOURCES, TOTAL	0	0	0	0	---	---	---
OTHER TYPES OF MAJOR SUPPORT, TOTAL	3,230	3,290	3,959	4,591	1.9	20.3	16.0
U.S. SOURCES, TOTAL	3,223	3,279	3,951	4,579	1.7	20.5	15.9
U.S. GOVERNMENT	162	145	134	204	-10.5	-7.6	52.2
INSTITUTIONAL SUPPORT	455	489	639	601	7.5	30.7	-5.9
SELF-SUPPORT	2,184	2,333	2,816	3,250	6.8	20.7	15.4
ALL OTHER U.S. SOURCES	422	312	362	524	-26.1	16.0	44.8
FOREIGN SOURCES, TOTAL	7	11	8	12	*	*	*
U.S. CITIZENS	3,094	3,171	3,813	4,477	2.5	20.2	17.4
U.S. SOURCES, TOTAL	3,094	3,171	3,813	4,477	2.5	20.2	17.4
U.S. GOVERNMENT	156	143	127	199	-8.3	-11.2	56.7
INSTITUTIONAL SUPPORT	444	472	620	585	6.3	31.4	-5.6
SELF-SUPPORT	2,081	2,257	2,721	3,174	8.5	20.6	16.6
ALL OTHER U.S. SOURCES	413	299	345	519	-27.6	15.4	50.4
FOREIGN SOURCES, TOTAL	0	0	0	0	---	---	---
FOREIGN STUDENTS	136	119	146	114	-12.5	22.7	-21.9
U.S. SOURCES, TOTAL	129	108	138	102	-16.3	27.8	-26.1
U.S. GOVERNMENT	6	2	7	5	*	*	*
INSTITUTIONAL SUPPORT	11	17	19	16	*	*	*
SELF-SUPPORT	103	76	95	76	-26.2	25.0	-20.0
ALL OTHER U.S. SOURCES	9	13	17	5	*	*	*
FOREIGN SOURCES, TOTAL	7	11	9	12	*	*	*

□ LESS THAN 0.05 PERCENT CHANGE
* PERCENT CHANGE IS NOT SHOWN WHEN BASE IS 50 OR LESS.

TABLE D-76. FULL-TIME GRADUATE STUDENTS IN SOCIAL SCIENCE GRADUATE DEPARTMENTS REPORTING CONSISTENTLY FOR FOUR YEARS, BY SOURCE AND TYPE OF MAJOR SUPPORT AND CITIZENSHIP, 1969-72

SOURCE OF MAJOR SUPPORT	NUMBER				PERCENT CHANGE		
	1969	1970	1971	1972	1969-70	1970-71	1971-72
ALL SOURCES OF MAJOR SUPPORT, TOTAL..	26,271	26,421	26,412	26,047	.6	*	-1.4
U.S. SOURCES, TOTAL.................	25,904	25,995	26,023	25,477	.4	.1	-2.1
U.S. GOVERNMENT...................	5,738	5,499	5,181	4,556	-4.2	-5.8	-12.1
INSTITUTIONAL SUPPORT.............	9,459	9,497	9,341	9,396	.4	-1.6	.6
SELF-SUPPORT......................	8,867	8,859	9,679	10,001	-.1	9.3	3.3
ALL OTHER U.S. SOURCES............	1,840	2,140	1,822	1,524	16.3	-14.9	-16.4
FOREIGN SOURCES, TOTAL..............	367	426	389	570	16.1	-8.7	46.5
U.S. CITIZENS.......................	22,221	22,152	22,282	22,012	-.3	.6	-1.2
U.S. SOURCES, TOTAL.................	22,217	22,147	22,277	21,984	-.3	.6	-1.3
U.S. GOVERNMENT...................	5,304	5,064	4,677	4,048	-4.5	-7.6	-13.4
INSTITUTIONAL SUPPORT.............	7,768	7,845	7,836	8,082	1.0	-.1	3.1
SELF-SUPPORT......................	7,824	7,678	8,437	8,666	-1.9	9.9	2.7
ALL OTHER U.S. SOURCES............	1,321	1,560	1,327	1,188	18.1	-14.9	-10.5
FOREIGN SOURCES, TOTAL..............	4	5	5	28	*	*	*
FOREIGN STUDENTS....................	4,050	4,269	4,130	4,035	5.4	-3.3	-2.3
U.S. SOURCES, TOTAL.................	3,687	3,848	3,746	3,493	4.4	-2.7	-6.8
U.S. GOVERNMENT...................	434	435	504	508	.2	15.9	.8
INSTITUTIONAL SUPPORT.............	1,691	1,652	1,505	1,314	-2.3	-8.9	-12.7
SELF-SUPPORT......................	1,043	1,181	1,242	1,335	13.2	5.2	7.5
ALL OTHER U.S. SOURCES............	519	580	495	336	11.8	-14.7	-32.1
FOREIGN SOURCES, TOTAL..............	363	421	384	542	16.0	-8.8	41.1
FELLOWSHIPS AND TRAINEESHIPS, TOTAL..	8,428	8,109	7,569	6,452	-3.8	-6.7	-14.8
U.S. SOURCES, TOTAL.................	8,149	7,782	7,247	6,049	-4.5	-6.9	-16.5
U.S. GOVERNMENT...................	4,597	4,319	4,021	3,180	-6.0	-6.9	-20.9
INSTITUTIONAL SUPPORT.............	2,320	2,088	2,064	2,003	-10.0	-1.1	-3.0
SELF-SUPPORT......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES............	1,232	1,375	1,162	866	11.6	-15.5	-25.5
FOREIGN SOURCES, TOTAL..............	279	327	322	403	17.2	-1.5	25.2
U.S. CITIZENS.......................	7,004	6,592	6,119	5,247	-5.9	-7.2	-14.3
U.S. SOURCES, TOTAL.................	7,000	6,587	6,114	5,219	-5.9	-7.2	-14.6
U.S. GOVERNMENT...................	4,385	4,063	3,721	2,909	-7.3	-8.4	-21.8
INSTITUTIONAL SUPPORT.............	1,779	1,610	1,616	1,674	-9.5	.4	3.6
SELF-SUPPORT......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES............	836	914	777	636	9.3	-15.0	-18.1
FOREIGN SOURCES, TOTAL..............	4	5	5	28	*	*	*
FOREIGN STUDENTS....................	1,424	1,517	1,450	1,205	6.5	-4.4	-16.9
U.S. SOURCES, TOTAL.................	1,149	1,195	1,133	830	4.0	-5.2	-26.7
U.S. GOVERNMENT...................	212	256	300	271	20.8	17.2	-9.7
INSTITUTIONAL SUPPORT.............	541	478	448	329	-11.6	-6.3	-26.6
SELF-SUPPORT......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES............	396	461	385	230	16.4	-16.5	-40.3
FOREIGN SOURCES, TOTAL..............	275	322	317	375	17.1	-1.6	18.3
RESEARCH ASSISTANTSHIPS, TOTAL.......	2,626	2,617	2,637	2,571	-.3	.8	-2.5
U.S. SOURCES, TOTAL.................	2,621	2,613	2,636	2,566	-.3	.9	-2.7
U.S. GOVERNMENT...................	779	736	764	858	-5.5	3.8	12.3
INSTITUTIONAL SUPPORT.............	1,664	1,766	1,689	1,551	6.1	-4.4	-8.2
SELF-SUPPORT......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES............	178	111	183	157	-37.6	64.9	-14.2
FOREIGN SOURCES, TOTAL..............	5	4	1	5	*	*	*
U.S. CITIZENS.......................	2,071	2,046	2,138	2,058	-1.2	4.5	-3.7
U.S. SOURCES, TOTAL.................	2,071	2,046	2,138	2,058	-1.2	4.5	-3.7
U.S. GOVERNMENT...................	607	578	588	652	-4.8	1.7	10.9
INSTITUTIONAL SUPPORT.............	1,334	1,397	1,404	1,290	4.7	.5	-8.1
SELF-SUPPORT......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES............	130	71	146	116	-45.4	105.6	-20.5
FOREIGN SOURCES, TOTAL..............	0	0	0	0	---	---	---
FOREIGN STUDENTS....................	555	571	499	513	2.9	-12.6	2.8
U.S. SOURCES, TOTAL.................	550	567	498	508	3.1	-12.2	2.0
U.S. GOVERNMENT...................	172	158	176	206	-8.1	11.4	17.0
INSTITUTIONAL SUPPORT.............	330	369	285	261	11.8	-22.8	-8.4
SELF-SUPPORT......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES............	48	40	37	41	*	*	*
FOREIGN SOURCES, TOTAL..............	5	4	1	5	*	*	*

TABLE D-7G. FULL-TIME GRADUATE STUDENTS IN SOCIAL SCIENCE GRADUATE DEPARTMENTS REPORTING CONSISTENTLY FOR FOUR YEARS, BY SOURCE AND TYPE OF MAJOR SUPPORT AND CITIZENSHIP, 1969-72 (CONTINUED)

SOURCE OF MAJOR SUPPORT	NUMBER 1969	1970	1971	1972	PERCENT CHANGE 1969-70	1970-71	1971-72
TEACHING ASSISTANTSHIPS, TOTAL........	5,086	5,213	5,187	5,379	2.5	-.5	3.7
U.S. SOURCES, TOTAL..................	5,086	5,213	5,187	5,379	2.5	-.5	3.7
U.S. GOVERNMENT....................	64	33	88	32	-48.4	*	-63.6
INSTITUTIONAL SUPPORT.............	4,980	5,144	5,064	5,328	3.3	-1.6	5.2
SELF-SUPPORT......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES...........	42	36	35	19	*	*	*
FOREIGN SOURCES, TOTAL.............	0	0	0	0	---	---	---
U.S. CITIZENS........................	4,330	4,462	4,485	4,723	3.0	.5	5.3
U.S. SOURCES, TOTAL..................	4,330	4,462	4,485	4,723	3.0	.5	5.3
U.S. GOVERNMENT....................	56	31	78	31	-44.6	*	-60.3
INSTITUTIONAL SUPPORT.............	4,234	4,398	4,374	4,674	3.9	-.5	6.9
SELF-SUPPORT......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES............	40	33	33	18	*	*	*
FOREIGN SOURCES, TOTAL.............	0	0	0	0	---	---	---
FOREIGN STUDENTS.....................	756	751	702	656	-.7	-6.5	-6.6
U.S. SOURCES, TOTAL..................	756	751	702	656	-.7	-6.5	-6.6
U.S. GOVERNMENT....................	8	2	10	1	*	*	*
INSTITUTIONAL SUPPORT.............	746	746	690	654	□	-7.5	-5.2
SELF-SUPPORT......................	0	0	0	0	---	---	---
ALL OTHER U.S. SOURCES............	2	3	2	1	*	*	*
FOREIGN SOURCES, TOTAL.............	0	0	0	0	---	---	---
OTHER TYPES OF MAJOR SUPPORT, TOTAL..	10,131	10,482	11,0[illegible]9	11,645	3.5	5.1	5.7
U.S. SOURCES, TOTAL..................	10,048	10,387	10,9[illegible]3	11,483	3.4	5.4	4.8
U.S. GOVERNMENT....................	298	411	308	486	37.9	-25.1	57.8
INSTITUTIONAL SUPPORT.............	495	499	524	514	.8	5.0	-1.9
SELF-SUPPORT......................	8,867	8,859	9,679	10,001	-.1	9.3	3.3
ALL OTHER U.S. SOURCES............	388	618	442	482	59.3	-28.5	9.0
FOREIGN SOURCES, TOTAL.............	83	95	66	162	14.5	-30.5	145.5
U.S. CITIZENS........................	8,816	9,052	9,540	9,984	2.7	5.4	4.7
U.S. SOURCES, TOTAL..................	8,816	9,052	9,540	9,984	2.7	5.4	4.7
U.S. GOVERNMENT....................	256	392	290	456	53.1	-26.0	57.2
INSTITUTIONAL SUPPORT.............	421	440	442	444	4.5	.5	.5
SELF-SUPPORT......................	7,824	7,678	8,437	8,666	-1.9	9.9	2.7
ALL OTHER U.S. SOURCES............	315	542	371	418	72.1	-31.5	12.7
FOREIGN SOURCES, TOTAL.............	0	0	0	0	---	---	---
FOREIGN STUDENTS.....................	1,315	1,430	1,479	1,661	8.7	3.4	12.3
U.S. SOURCES, TOTAL..................	1,232	1,335	1,413	1,499	8.4	5.8	6.1
U.S. GOVERNMENT....................	42	19	18	30	*	*	*
INSTITUTIONAL SUPPORT.............	74	59	82	70	-20.3	39.0	-14.6
SELF-SUPPORT......................	1,043	1,181	1,242	1,335	13.2	5.2	7.5
ALL OTHER U.S. SOURCES............	73	76	71	64	4.1	-6.6	-9.9
FOREIGN SOURCES, TOTAL.............	83	95	66	162	14.5	-30.5	145.5

□ LESS THAN 0.05 PERCENT CHANGE.
* PERCENT CHANGE IS NOT SHOWN WHEN BASE IS 50 OR LESS.

TABLE D-8. FULL-TIME GRADUATE STUDENTS IN ALL GRADUATE DEPARTMENTS REPORTING CONSISTENTLY FOR FOUR YEARS, BY LEVEL OF STUDY, CONTROL OF INSTITUTION, AND TYPE OF MAJOR SUPPORT, 1965-72

ITEM	NUMBER 1969	1970	1971	1972	PERCENT CHANGE 1969-70	1970-71	1971-72
ALL SCIENCES, TOTAL...............	129,332	129,875	128,675	124,381	.4	-.9	-3.3
FIRST-YEAR STUDENTS............	43,667	42,954	41,147	39,135	-1.6	-4.2	-4.9
BEYOND-FIRST-YEAR STUDENTS.....	85,665	86,921	87,528	85,246	1.5	.7	-2.6
CONTROL OF INSTITUTION							
PUBLIC.....................	90,928	93,171	92,949	89,928	2.5	-.2	-3.3
FIRST-YEAR STUDENTS............	31,124	31,373	29,991	28,604	.8	-4.4	-4.6
BEYOND-FIRST-YEAR STUDENTS.....	59,804	61,798	62,958	61,324	3.3	1.9	-2.6
PRIVATE....................	38,404	36,704	35,726	34,453	-4.4	-2.7	-3.6
FIRST-YEAR STUDENTS............	12,543	11,581	11,156	10,531	-7.7	-3.7	-5.6
BEYOND-FIRST-YEAR STUDENTS.....	25,861	25,123	24,570	23,922	-2.9	-2.2	-2.6
TYPE OF MAJOR SUPPORT							
FELLOWSHIPS AND TRAINEESHIPS, TOTAL	37,286	34,849	31,568	25,763	-6.5	-9.4	-18.4
FIRST-YEAR STUDENTS............	11,241	10,848	8,970	7,288	-3.5	-17.3	-18.8
BEYOND-FIRST-YEAR STUDENTS.....	26,045	24,001	22,598	18,475	-7.8	-5.8	-18.2
PUBLIC.....................	21,621	20,312	18,143	14,690	-6.1	-10.7	-19.0
FIRST-YEAR STUDENTS............	6,405	6,30[illegible]	5,095	4,129	-1.5	-19.2	-19.0
BEYOND-FIRST-YEAR STUDENTS.....	15,216	14,00[illegible]	13,048	10,561	-8.0	-6.8	-19.1
PRIVATE....................	15,665	14,537	13,425	11,073	-7.2	-7.6	-17.5
FIRST-YEAR STUDENTS............	4,836	4,542	3,875	3,159	-6.1	-14.7	-18.5
BEYOND-FIRST-YEAR STUDENTS.....	10,829	9,995	9,550	7,914	-7.7	-4.5	-17.1
RESEARCH ASSISTANTSHIPS, TOTAL...	27,690	27,732	26,564	26,713	.2	-4.2	.6
FIRST-YEAR STUDENTS............	5,880	5,801	5,665	5,988	-1.3	-2.3	5.7
BEYOND-FIRST-YEAR STUDENTS.....	21,810	21,931	20,899	20,725	.6	-4.7	-.8
PUBLIC.....................	20,137	20,552	19,768	19,655	2.1	-3.8	-.6
FIRST-YEAR STUDENTS............	4,590	4,672	4,495	4,648	1.8	-3.8	3.4
BEYOND-FIRST-YEAR STUDENTS.....	15,547	15,880	15,273	15,007	2.1	-3.8	-1.7
PRIVATE....................	7,553	7,180	6,796	7,058	-4.9	-5.3	3.9
FIRST-YEAR STUDENTS............	1,290	1,129	1,170	1,340	-12.5	3.6	14.5
BEYOND-FIRST-YEAR STUDENTS.....	6,263	6,051	5,626	5,718	-3.4	-7.0	1.6
TEACHING ASSISTANTSHIPS, TOTAL...	31,518	33,013	32,859	33,547	4.7	-.5	2.1
FIRST-YEAR STUDENTS............	11,304	10,642	10,148	10,194	-5.9	-4.6	.5
BEYOND-FIRST-YEAR STUDENTS.....	20,214	22,371	22,711	23,353	10.7	1.5	2.8
PUBLIC.....................	24,834	26,462	26,341	27,229	6.6	-.5	3.4
FIRST-YEAR STUDENTS............	8,856	8,618	8,169	8,280	-2.7	-5.2	1.4
BEYOND-FIRST-YEAR STUDENTS.....	15,978	17,844	18,172	18,949	11.7	1.8	4.3
PRIVATE....................	6,684	6,551	6,518	6,318	-2.0	-.5	-3.1
FIRST-YEAR STUDENTS............	2,448	2,024	1,979	1,914	-17.3	-2.2	-3.3
BEYOND-FIRST-YEAR STUDENTS.....	4,236	4,527	4,539	4,404	6.9	.3	-3.0
OTHER TYPES OF MAJOR SUPPORT, TOTAL	32,838	34,281	37,684	38,358	4.4	9.9	1.8
FIRST-YEAR STUDENTS............	15,242	15,663	16,364	15,665	2.8	4.5	-4.3
BEYOND-FIRST-YEAR STUDENTS.....	17,596	18,618	21,320	22,693	5.8	14.5	6.4
PUBLIC.....................	24,336	25,845	28,697	28,354	6.2	11.0	-1.2
FIRST-YEAR STUDENTS............	11,273	11,777	12,232	11,547	4.5	3.9	-5.6
BEYOND-FIRST-YEAR STUDENTS.....	13,063	14,068	16,465	16,807	7.7	17.0	2.1
PRIVATE....................	8,502	8,436	8,987	10,004	-.8	6.5	11.3
FIRST-YEAR STUDENTS............	3,969	3,886	4,132	4,118	-2.1	6.3	-.3
BEYOND-FIRST-YEAR STUDENTS.....	4,533	4,550	4,855	5,886	.4	6.7	21.2

D LESS THAN 0.05 PERCENT CHANGE.
* PERCENT CHANGE IS NOT SHOWN WHEN BASE IS 50 OR LESS.

TABLE D-9A. FULL-TIME GRADUATE STUDENTS IN ALL GRADUATE DEPARTMENTS REPORTING CONSISTENTLY FOR FOUR YEARS, BY LEVEL OF STUDY, CITIZENSHIP, AND TYPE OF MAJOR SUPPORT, 1969-72

ITEM	NUMBER				PERCENT CHANGE		
	1969	1970	1971	1972	1969-70	1970-71	1971-72
ALL SCIENCES, TOTAL...............	129,332	129,875	128,675	124,381	.4	-.9	-3.3
FIRST-YEAR STUDENTS.............	43,667	42,954	41,147	39,135	-1.6	-4.2	-4.9
BEYOND-FIRST-YEAR STUDENTS.....	85,665	86,921	87,528	85,246	1.5	.7	-2.6
CITIZENSHIP							
U. S. CITIZENS, TOTAL...........	103,901	103,525	102,758	100,121	-.4	-.7	-2.6
FIRST-YEAR STUDENTS.............	34,634	34,481	33,319	31,936	-.4	-3.4	-4.2
BEYOND-FIRST-YEAR STUDENTS.....	69,267	69,044	69,439	68,185	-.3	.6	-1.8
FOREIGN STUDENTS, TOTAL.........	25,431	26,350	25,917	24,260	3.6	-1.6	-6.4
FIRST-YEAR STUDENTS.............	9,033	8,473	7,828	7,199	-6.2	-7.6	-8.0
BEYOND-FIRST-YEAR STUDENTS.....	16,398	17,877	18,089	17,061	9.0	1.2	-5.7
TYPE OF MAJOR SUPPORT							
FELLOWSHIPS AND TRAINEESHIPS, TOTAL	37,286	34,849	31,568	25,763	-6.5	-9.4	-18.4
FIRST-YEAR STUDENTS.............	11,241	10,848	8,970	7,288	-3.5	-17.3	-18.8
BEYOND-FIRST-YEAR STUDENTS.....	26,045	24,001	22,598	18,475	-7.8	-5.8	-18.2
U. S. CITIZENS, TOTAL...........	32,538	30,050	27,112	21,989	-7.6	-9.8	-18.9
FIRST-YEAR STUDENTS.............	9,471	9,222	7,510	6,023	-2.6	-18.6	-19.8
BEYOND-FIRST-YEAR STUDENTS.....	23,067	20,828	19,602	15,966	-9.7	-5.[illegible]	-18.5
FOREIGN STUDENTS, TOTAL.........	4,748	4,799	4,456	3,774	1.1	-7.1	-15.3
FIRST-YEAR STUDENTS.............	1,770	1,626	1,460	1,265	-8.1	-10.2	-13.4
BEYOND-FIRST-YEAR STUDENTS.....	2,978	3,173	2,996	2,509	6.5	-5.6	-16.3
RESEARCH ASSISTANTSHIPS, TOTAL...	27,690	27,732	26,564	26,713	.2	-4.2	.6
FIRST-YEAR STUDENTS.............	5,880	5,801	5,665	5,988	-1.3	-2.3	5.7
BEYOND-FIRST-YEAR STUDENTS.....	21,810	21,931	20,899	20,725	.6	-4.7	-.8
U. S. CITIZENS, TOTAL...........	19,606	19,593	19,189	19,660	-.1	-2.1	2.5
FIRST-YEAR STUDENTS.............	4,155	4,232	4,463	4,714	1.9	5.5	5.6
BEYOND-FIRST-YEAR STUDENTS.....	15,451	15,361	14,726	14,946	-.6	-4.1	1.5
FOREIGN STUDENTS, TOTAL.........	8,084	8,139	7,375	7,053	.7	-9.4	-4.4
FIRST-YEAR STUDENTS.............	1,725	1,569	1,202	1,274	-9.0	-23.4	6.0
BEYOND-FIRST-YEAR STUDENTS.....	6,359	6,570	6,173	5,779	3.3	-6.0	-6.4
TEACHING ASSISTANTSHIPS, TOTAL...	31,518	33,013	32,859	33,547	4.7	-.5	2.1
FIRST-YEAR STUDENTS.............	11,304	10,642	10,148	10,194	-5.9	-4.6	.5
BEYOND-FIRST-YEAR STUDENTS.....	20,214	22,371	22,711	23,353	10.7	1.5	2.8
U. S. CITIZENS, TOTAL...........	25,412	26,580	26,679	27,746	4.6	.4	4.0
FIRST-YEAR STUDENTS.............	9,210	8,908	8,616	8,811	-3.3	-3.3	2.3
BEYOND-FIRST-YEAR STUDENTS.....	16,202	17,672	18,063	18,935	9.1	2.2	4.8
FOREIGN STUDENTS, TOTAL.........	6,106	6,433	6,180	5,801	5.4	-3.9	-6.1
FIRST-YEAR STUDENTS.............	2,094	1,734	1,532	1,383	-17.2	-11.6	-9.7
BEYOND-FIRST-YEAR STUDENTS.....	4,012	4,699	4,648	4,418	17.1	-1.1	-4.9
OTHER TYPES OF MAJOR SUPPORT, TOTAL	32,838	34,281	37,684	38,358	4.4	9.9	1.8
FIRST-YEAR STUDENTS.............	15,242	15,663	16,364	15,665	2.8	4.5	-4.[illegible]
BEYOND-FIRST-YEAR STUDENTS.....	17,596	18,618	21,320	22,693	5.8	14.5	6.4
U. S. CITIZENS, TOTAL...........	26,345	27,302	29,778	30,726	3.6	9.1	3.2
FIRST-YEAR STUDENTS.............	11,798	12,119	12,730	12,388	2.7	5.0	-2.7
BEYOND-FIRST-YEAR STUDENTS.....	14,547	15,183	17,048	18,338	4.4	12.3	7.6
FOREIGN STUDENTS, TOTAL.........	6,493	6,979	7,906	7,632	7.5	13.3	-3.5
FIRST-YEAR STUDENTS.............	3,444	3,544	3,634	3,277	2.9	2.5	-9.8
BEYOND-FIRST-YEAR STUDENTS.....	3,049	3,435	4,272	4,355	12.7	24.4	1.9

0 LESS THAN 0.05 PERCENT CHANGE.
* PERCENT CHANGE IS NOT SHOWN WHEN BASE IS 50 OR LESS.

TABLE D-94. FULL-TIME GRADUATE STUDENTS IN ENGINEERING GRADUATE DEPARTMENTS REPORTING CONSISTENTLY FOR FOUR YEARS, BY LEVEL OF STUDY, CITIZENSHIP, AND TYPE OF MAJOR SUPPORT, 1969-72

ITEM	NUMBER				PERCENT CHANGE		
	1969	1970	1971	1972	1969-70	1970-71	1971-72
ALL SCIENCES, TOTAL...............	27,659	28,495	28,198	26,562	3.0	-1.0	-5.8
FIRST-YEAR STUDENTS............	10,943	11,588	11,105	10,622	5.9	-4.2	-4.3
BEYOND-FIRST-YEAR STUDENTS.....	16,716	16,907	17,093	15,940	1.1	1.1	-6.7
CITIZENSHIP							
U. S. CITIZENS, TOTAL...........	17,784	18,147	18,033	16,999	2.0	-.6	-5.7
FIRST-YEAR STUDENTS............	6,893	7,719	7,568	7,392	12.0	-2.0	-2.3
BEYOND-FIRST-YEAR STUDENTS.....	10,891	10,428	10,465	9,607	-4.3	.4	-8.2
FOREIGN STUDENTS, TOTAL.........	9,875	10,348	10,165	9,563	4.8	-1.8	-5.9
FIRST-YEAR STUDENTS............	4,050	3,869	3,537	3,230	-4.5	-8.6	-8.7
BEYOND-FIRST-YEAR STUDENTS.....	5,825	6,479	6,628	6,333	11.2	2.3	-4.5
TYPE OF MAJOR SUPPORT							
FELLOWSHIPS AND TRAINEESHIPS, TOTAL	7,216	6,777	6,100	4,647	-6.1	-10.0	-23.8
FIRST-YEAR STUDENTS............	2,769	2,878	2,562	1,953	3.9	-11.0	-23.8
BEYOND-FIRST-YEAR STUDENTS.....	4,447	3,899	3,538	2,694	-12.3	-9.3	-23.9
U. S. CITIZENS, TOTAL...........	5,862	5,472	4,918	3,642	-6.7	-10.1	-25.9
FIRST-YEAR STUDENTS............	2,158	2,353	2,056	1,567	9.0	-12.6	-23.8
BEYOND-FIRST-YEAR STUDENTS.....	3,704	3,119	2,862	2,075	-15.8	-8.2	-27.5
FOREIGN STUDENTS, TOTAL.........	1,354	1,305	1,182	1,005	-3.6	-9.4	-15.0
FIRST-YEAR STUDENTS............	611	525	506	386	-14.1	-3.6	-23.7
BEYOND-FIRST-YEAR STUDENTS.....	743	780	676	619	5.0	-13.3	-8.4
RESEARCH ASSISTANTSHIPS, TOTAL...	8,058	8,412	8,038	8,253	4.4	-4.4	2.7
FIRST-YEAR STUDENTS............	2,075	2,236	2,199	2,408	7.8	-1.7	9.5
BEYOND-FIRST-YEAR STUDENTS.....	5,983	6,176	5,839	5,845	3.2	-5.5	.1
U. S. CITIZENS, TOTAL...........	4,290	4,517	4,573	4,725	5.3	1.2	3.3
FIRST-YEAR STUDENTS............	1,138	1,380	1,558	1,641	21.3	12.9	5.3
BEYOND-FIRST-YEAR STUDENTS.....	3,152	3,137	3,015	3,084	-.5	-3.9	2.3
FOREIGN STUDENTS, TOTAL.........	3,768	3,895	3,465	3,528	3.4	-11.0	1.8
FIRST-YEAR STUDENTS............	937	856	641	767	-8.6	-25.1	19.7
BEYOND-FIRST-YEAR STUDENTS.....	2,831	3,039	2,824	2,761	7.3	-7.1	-2.2
TEACHING ASSISTANTSHIPS, TOTAL...	3,885	4,059	4,087	4,180	4.5	.7	2.3
FIRST-YEAR STUDENTS............	1,434	1,358	1,361	1,552	-5.3	.2	14.0
BEYOND-FIRST-YEAR STUDENTS.....	2,451	2,701	2,726	2,628	10.2	.9	-3.6
U. S. CITIZENS, TOTAL...........	2,278	2,452	2,589	2,708	7.6	5.6	4.6
FIRST-YEAR STUDENTS............	868	955	1,037	1,172	10.0	8.6	13.0
BEYOND-FIRST-YEAR STUDENTS.....	1,410	1,497	1,552	1,536	6.2	3.7	-1.0
FOREIGN STUDENTS, TOTAL.........	1,607	1,607	1,498	1,472	¤	-6.8	-1.7
FIRST-YEAR STUDENTS............	566	403	324	380	-28.8	-19.6	17.3
BEYOND-FIRST-YEAR STUDENTS.....	1,041	1,204	1,174	1,092	15.7	-2.5	-7.0
OTHER TYPES OF MAJOR SUPPORT, TOTAL	8,500	9,247	9,973	9,482	8.8	7.9	-4.9
FIRST-YEAR STUDENTS............	4,665	5,116	4,983	4,709	9.7	-2.6	-5.5
BEYOND-FIRST-YEAR STUDENTS.....	3,835	4,131	4,990	4,773	7.7	20.8	-4.3
U. S. CITIZENS, TOTAL...........	5,354	5,706	5,953	5,924	6.6	4.3	-.5
FIRST-YEAR STUDENTS............	2,729	3,031	2,917	3,012	11.1	-3.8	3.3
BEYOND-FIRST-YEAR STUDENTS.....	2,625	2,675	3,036	2,912	1.9	13.5	-4.1
FOREIGN STUDENTS, TOTAL.........	3,146	3,541	4,020	3,558	12.6	13.5	-11.5
FIRST-YEAR STUDENTS............	1,936	2,085	2,066	1,697	7.7	-.9	-17.9
BEYOND-FIRST-YEAR STUDENTS.....	1,210	1,456	1,954	1,861	20.3	34.2	-4.8

¤ LESS THAN 0.05 PERCENT CHANGE.
* PERCENT CHANGE IS NOT SHOWN WHEN BASE IS 50 OR LESS.

TABLE D-9C. FULL-TIME GRADUATE STUDENTS IN PHYSICAL SCIENCE GRADUATE DEPARTMENTS REPORTING CONSISTENTLY FOR FOUR YEARS, BY LEVEL OF STUDY, CITIZENSHIP, AND TYPE OF MAJOR SUPPORT, 1969-72

ITEM	NUMBER				PERCENT CHANGE		
	1969	1970	1971	1972	1969-70	1970-71	1971-72
ALL SCIENCES, TOTAL..............	29,318	28,442	27,245	25,776	-3.0	-4.2	-5.4
FIRST-YEAR STUDENTS............	7,970	7,284	6,826	6,513	-8.6	-6.3	-4.6
BEYOND-FIRST-YEAR STUDENTS.....	21,348	21,158	20,419	19,263	-.9	-3.5	-5.7
CITIZENSHIP							
U. S. CITIZENS, TOTAL..........	23,767	22,769	21,699	20,722	-4.2	-4.7	-4.5
FIRST-YEAR STUDENTS............	6,327	5,803	5,486	5,314	-8.3	-5.5	-3.1
BEYOND-FIRST-YEAR STUDENTS.....	17,440	16,966	16,213	15,408	-2.7	-4.4	-5.0
FOREIGN STUDENTS, TOTAL........	5,551	5,673	5,546	5,054	2.2	-2.2	-8.9
FIRST-YEAR STUDENTS............	1,643	1,481	1,340	1,199	-9.9	-9.5	-10.5
BEYOND-FIRST-YEAR STUDENTS.....	3,908	4,192	4,206	3,855	7.3	.3	-8.3
TYPE OF MAJOR SUPPORT							
FELLOWSHIPS AND TRAINEESHIPS, TOTAL	6,797	5,893	4,986	3,834	-13.3	-15.4	-23.1
FIRST-YEAR STUDENTS............	1,652	1,535	1,126	870	-7.1	-26.6	-22.7
BEYOND-FIRST-YEAR STUDENTS.....	5,145	4,358	3,860	2,964	-15.3	-11.4	-23.2
U. S. CITIZENS, TOTAL..........	6,042	5,172	4,318	3,275	-14.4	-16.5	-24.2
FIRST-YEAR STUDENTS............	1,405	1,323	929	719	-5.8	-29.8	-22.6
BEYOND-FIRST-YEAR STUDENTS.....	4,637	3,849	3,389	2,556	-17.0	-12.0	-24.6
FOREIGN STUDENTS, TOTAL........	755	721	668	559	-4.5	-7.4	-16.3
FIRST-YEAR STUDENTS............	247	212	197	151	-14.2	-7.1	-23.4
BEYOND-FIRST-YEAR STUDENTS.....	508	509	471	408	.2	-7.5	-13.4
RESEARCH ASSISTANTSHIPS, TOTAL...	9,135	8,727	8,131	8,062	-4.5	-6.8	-.8
FIRST-YEAR STUDENTS............	866	767	715	854	-11.4	-6.8	19.4
BEYOND-FIRST-YEAR STUDENTS.....	8,269	7,960	7,416	7,208	-3.7	-6.8	-2.8
U. S. CITIZENS, TOTAL..........	7,103	6,745	6,245	6,399	-5.0	-7.4	2.5
FIRST-YEAR STUDENTS............	622	559	567	695	-10.1	1.4	22.6
BEYOND-FIRST-YEAR STUDENTS.....	6,481	6,186	5,678	5,704	-4.6	-8.2	.5
FOREIGN STUDENTS, TOTAL........	2,032	1,982	1,886	1,663	-2.5	-4.8	-11.8
FIRST-YEAR STUDENTS............	244	208	148	159	-14.8	-28.8	7.4
BEYOND-FIRST-YEAR STUDENTS.....	1,788	1,774	1,738	1,504	-.8	-2.0	-13.5
TEACHING ASSISTANTSHIPS, TOTAL...	10,019	10,460	10,345	10,249	4.4	-1.1	-.9
FIRST-YEAR STUDENTS............	4,129	3,765	3,602	3,472	-8.8	-4.3	-3.6
BEYOND-FIRST-YEAR STUDENTS.....	5,890	6,695	6,743	6,777	13.7	.7	.5
U. S. CITIZENS, TOTAL..........	7,934	8,136	8,057	8,086	2.5	-1.0	.4
FIRST-YEAR STUDENTS............	3,340	3,014	2,902	2,859	-9.8	-3.7	-1.5
BEYOND-FIRST-YEAR STUDENTS.....	4,594	5,122	5,155	5,227	11.5	.6	1.4
FOREIGN STUDENTS, TOTAL........	2,085	2,324	2,288	2,163	11.5	-1.5	-5.5
FIRST-YEAR STUDENTS............	789	751	700	613	-4.8	-6.8	-12.4
BEYOND-FIRST-YEAR STUDENTS.....	1,296	1,573	1,588	1,550	21.4	1.0	-2.4
OTHER TYPES OF MAJOR SUPPORT, TOTAL	3,367	3,362	3,783	3,631	-.1	12.5	-4.0
FIRST-YEAR STUDENTS............	1,323	1,217	1,383	1,317	-8.0	13.6	-4.8
BEYOND-FIRST-YEAR STUDENTS.....	2,044	2,145	2,400	2,314	4.9	11.9	-3.6
U. S. CITIZENS, TOTAL..........	2,688	2,716	3,079	2,962	1.0	13.4	-3.8
FIRST-YEAR STUDENTS............	960	907	1,088	1,041	-5.5	20.0	-4.3
BEYOND-FIRST-YEAR STUDENTS.....	1,728	1,809	1,991	1,921	4.7	10.1	-3.5
FOREIGN STUDENTS, TOTAL........	679	646	704	669	-4.9	9.0	-5.0
FIRST-YEAR STUDENTS............	363	310	295	276	-14.6	-4.8	-6.4
BEYOND-FIRST-YEAR STUDENTS.....	316	336	409	393	6.3	21.7	-3.9

¤ LESS THAN 0.05 PERCENT CHANGE.
* PERCENT CHANGE IS NOT SHOWN WHEN BASE IS 50 OR LESS.

TABLE D-90. FULL-TIME GRADUATE STUDENTS IN MATHEMATICAL SCIENCE GRADUATE DEPARTMENTS REPORTING CONSISTENTLY FOR FOUR YEARS, BY LEVEL OF STUDY, CITIZENSHIP, AND TYPE OF MAJOR SUPPORT, 1969-72

ITEM	NUMBER				PERCENT CHANGE		
	1969	1970	1971	1972	1969-70	1970-71	1971-72
ALL SCIENCES, TOTAL..............	11,781	11,991	11,565	10,953	1.8	-3.6	-5.3
FIRST-YEAR STUDENTS............	4,461	4,313	3,950	3,610	-3.3	-8.3	-8.7
BEYOND-FIRST-YEAR STUDENTS.....	7,320	7,678	7,607	7,343	4.9	-.9	-3.5
CITIZENSHIP							
U. S. CITIZENS, TOTAL..........	9,717	9,799	9,349	8,883	.8	-4.6	-5.0
FIRST-YEAR STUDENTS............	3,722	3,660	3,304	3,075	-1.7	-9.7	-6.9
BEYOND-FIRST-YEAR STUDENTS.....	5,995	6,139	6,045	5,808	2.4	-1.5	-3.9
FOREIGN STUDENTS, TOTAL........	2,064	2,192	2,214	2,070	6.2	1.0	-6.5
FIRST-YEAR STUDENTS............	739	653	652	535	-11.6	-.2	-17.9
BEYOND-FIRST-YEAR STUDENTS.....	1,325	1,539	1,562	1,535	16.2	1.5	-1.7
TYPE OF MAJOR SUPPORT							
FELLOWSHIPS AND TRAINEESHIPS, TOTAL	2,696	2,429	2,104	1,511	-9.9	-13.4	-28.2
FIRST-YEAR STUDENTS............	936	927	594	477	-1.0	-35.9	-19.7
BEYOND-FIRST-YEAR STUDENTS.....	1,760	1,502	1,510	1,034	-14.7	.5	-31.5
U. S. CITIZENS, TOTAL..........	2,353	2,120	1,818	1,280	-9.9	-14.2	-29.6
FIRST-YEAR STUDENTS............	786	818	526	394	4.1	-35.7	-25.1
BEYOND-FIRST-YEAR STUDENTS.....	1,567	1,302	1,292	886	-16.9	-.8	-31.4
FOREIGN STUDENTS, TOTAL........	343	309	286	231	-9.9	-7.4	-19.2
FIRST-YEAR STUDENTS............	150	109	68	83	-27.3	-37.6	22.1
BEYOND-FIRST-YEAR STUDENTS.....	193	200	218	148	3.6	9.0	-32.1
RESEARCH ASSISTANTSHIPS, TOTAL...	1,083	1,177	956	1,010	8.7	-18.8	5.6
FIRST-YEAR STUDENTS............	198	241	183	252	21.7	-24.1	37.7
BEYOND-FIRST-YEAR STUDENTS.....	885	936	773	758	5.8	-17.4	-1.9
U. S. CITIZENS, TOTAL..........	773	797	645	721	3.1	-19.1	11.8
FIRST-YEAR STUDENTS............	131	164	133	208	25.2	-18.9	56.4
BEYOND-FIRST-YEAR STUDENTS.....	642	633	512	513	-1.4	-19.1	.2
FOREIGN STUDENTS, TOTAL........	310	380	311	289	22.6	-18.2	-7.1
FIRST-YEAR STUDENTS............	67	77	50	44	14.9	-35.1	-12.0
BEYOND-FIRST-YEAR STUDENTS.....	243	303	261	245	24.7	-13.9	-6.1
TEACHING ASSISTANTSHIPS, TOTAL...	4,962	5,429	5,311	5,300	9.4	-2.2	-.2
FIRST-YEAR STUDENTS............	1,742	1,754	1,649	1,579	.7	-6.0	-4.2
BEYOND-FIRST-YEAR STUDENTS.....	3,220	3,675	3,662	3,721	14.1	-.4	1.6
U. S. CITIZENS, TOTAL..........	4,018	4,421	4,383	4,407	10.0	-.9	.5
FIRST-YEAR STUDENTS............	1,438	1,493	1,446	1,418	3.8	-3.1	-1.9
BEYOND-FIRST-YEAR STUDENTS.....	2,580	2,928	2,937	2,989	13.5	.3	1.8
FOREIGN STUDENTS, TOTAL........	944	1,008	928	893	6.8	-7.9	-3.8
FIRST-YEAR STUDENTS............	304	261	203	161	-14.1	-22.2	-20.7
BEYOND-FIRST-YEAR STUDENTS.....	640	747	725	732	16.7	-2.9	1.0
OTHER TYPES OF MAJOR SUPPORT, TOTAL	3,040	2,956	3,192	3,132	-2.8	8.0	-1.9
FIRST-YEAR STUDENTS............	1,585	1,391	1,530	1,302	-12.2	10.0	-14.9
BEYOND-FIRST-YEAR STUDENTS.....	1,455	1,565	1,662	1,830	7.6	6.2	10.1
U. S. CITIZENS, TOTAL..........	2,573	2,461	2,503	2,475	-4.4	1.7	-1.1
FIRST-YEAR STUDENTS............	1,367	1,185	1,199	1,055	-13.3	1.2	-12.0
BEYOND-FIRST-YEAR STUDENTS.....	1,206	1,276	1,304	1,420	5.8	2.2	8.9
FOREIGN STUDENTS, TOTAL........	467	495	689	657	6.0	39.2	-4.6
FIRST-YEAR STUDENTS............	218	206	331	247	-5.5	60.7	-25.4
BEYOND-FIRST-YEAR STUDENTS.....	249	289	358	410	16.1	23.9	14.5

□ LESS THAN 0.05 PERCENT CHANGE.
* PERCENT CHANGE IS NOT SHOWN WHEN BASE IS 50 OR LESS.

TABLE II-9F. FULL-TIME GRADUATE STUDENTS IN LIFE SCIENCE GRADUATE DEPARTMENTS REPORTING CONSISTENTLY FOR FOUR YEARS, BY LEVEL OF STUDY, CITIZENSHIP, AND TYPE OF MAJOR SUPPORT, 1969-72

ITEM	NUMBER 1969	1970	1971	1972	PERCENT CHANGE 1969-70	1970-71	1971-72
ALL SCIENCES, TOTAL...............	22,644	22,746	22,945	22,246	.5	.9	-3.0
FIRST-YEAR STUDENTS............	7,057	6,929	6,753	6,518	-1.8	-2.5	-3.5
BEYOND-FIRST-YEAR STUDENTS.....	15,587	15,817	16,192	15,728	1.5	2.4	-2.9
CITIZENSHIP							
U. S. CITIZENS, TOTAL..........	19,236	19,339	19,576	19,128	.5	1.2	-2.3
FIRST-YEAR STUDENTS............	6,007	6,002	5,843	5,682	-.1	-2.6	-2.8
BEYOND-FIRST-YEAR STUDENTS.....	13,229	13,337	13,733	13,446	.8	3.0	-2.1
FOREIGN STUDENTS, TOTAL........	3,408	3,407	3,369	3,118	□	-1.1	-7.5
FIRST-YEAR STUDENTS............	1,050	927	910	836	-11.7	-1.8	-8.1
BEYOND-FIRST-YEAR STUDENTS.....	2,358	2,480	2,459	2,282	5.2	-.8	-7.2
TYPE OF MAJOR SUPPORT							
FELLOWSHIPS AND TRAINEESHIPS, TOTAL	7,580	7,110	6,530	5,384	-6.2	-8.2	-17.5
FIRST-YEAR STUDENTS............	1,762	1,662	1,403	1,142	-5.7	-15.6	-18.6
BEYOND-FIRST-YEAR STUDENTS.....	5,818	5,448	5,127	4,242	-6.4	-5.9	-17.3
U. S. CITIZENS, TOTAL..........	6,818	6,279	5,767	4,707	-7.9	-8.2	-18.4
FIRST-YEAR STUDENTS............	1,536	1,439	1,194	925	-6.3	-17.0	-22.5
BEYOND-FIRST-YEAR STUDENTS.....	5,282	4,840	4,573	3,782	-8.4	-5.5	-17.3
FOREIGN STUDENTS, TOTAL........	762	831	763	677	9.1	-8.2	-11.3
FIRST-YEAR STUDENTS............	226	223	209	217	-1.3	-6.3	3.8
BEYOND-FIRST-YEAR STUDENTS.....	536	608	554	460	13.4	-8.9	17.0
RESEARCH ASSISTANTSHIPS, TOTAL...	5,175	5,194	5,153	5,271	.4	-.8	2.3
FIRST-YEAR STUDENTS............	1,356	1,218	1,215	1,290	-10.2	-.2	6.2
BEYOND-FIRST-YEAR STUDENTS.....	3,819	3,976	3,938	3,981	4.1	-1.0	1.1
U. S. CITIZENS, TOTAL..........	3,868	3,993	4,050	4,299	3.2	1.4	6.1
FIRST-YEAR STUDENTS............	1,043	979	1,002	1,115	-6.1	2.3	11.3
BEYOND-FIRST-YEAR STUDENTS.....	2,825	3,014	3,048	3,184	6.7	1.1	4.5
FOREIGN STUDENTS, TOTAL........	1,307	1,201	1,103	972	-8.1	-8.2	-11.9
FIRST-YEAR STUDENTS............	313	239	213	175	-23.6	-10.9	-17.8
BEYOND-FIRST-YEAR STUDENTS.....	994	962	890	797	-3.2	-7.5	-10.4
TEACHING ASSISTANTSHIPS, TOTAL...	5,319	5,498	5,504	5,714	3.4	.1	3.8
FIRST-YEAR STUDENTS............	1,888	1,798	1,644	1,695	-4.8	-8.6	3.1
BEYOND-FIRST-YEAR STUDENTS.....	3,431	3,700	3,860	4,019	7.8	4.3	4.1
U. S. CITIZENS, TOTAL..........	4,730	4,871	4,869	5,218	3.0	□	7.2
FIRST-YEAR STUDENTS............	1,691	1,660	1,503	1,604	-1.8	-9.5	6.7
BEYOND-FIRST-YEAR STUDENTS.....	3,039	3,211	3,366	3,614	[illegible].7	4.8	7.4
FOREIGN STUDENTS, TOTAL........	589	627	635	496	6.5	1.3	-21.9
FIRST-YEAR STUDENTS............	197	138	141	91	-29.[illegible]	2.2	-35.5
BEYOND-FIRST-YEAR STUDENTS.....	392	489	494	405	24.7	1.0	-18.0
OTHER TYPES OF MAJOR SUPPORT, TOTAL	4,570	4,944	5,758	5,877	8.2	16.5	2.1
FIRST-YEAR STUDENTS............	2,051	2,251	2,491	2,391	[illegible].8	10.7	-4.0
BEYOND-FIRST-YEAR STUDENTS.....	2,519	2,693	3,267	3,486	6.9	21.3	6.7
U. S. CITIZENS, TOTAL..........	3,820	4,196	4,890	4,904	9.8	16.5	.3
FIRST-YEAR STUDENTS............	1,737	1,924	2,144	2,038	10.8	11.4	-4.9
BEYOND-FIRST-YEAR STUDENTS.....	2,083	2,272	2,746	2,866	9.1	20.9	4.4
FOREIGN STUDENTS, TOTAL........	750	748	868	973	-.3	16.0	12.1
FIRST-YEAR STUDENTS............	314	327	347	353	4.1	6.1	1.7
BEYOND-FIRST-YEAR STUDENTS.....	436	421	521	620	-3.4	23.8	19.0

□ LESS THAN 0.05 PERCENT CHANGE.
* PERCENT CHANGE IS NOT SHOWN WHEN BASE IS 50 OR LESS.

TABLE D-9F. FULL-TIME GRADUATE STUDENTS IN PSYCHOLOGY GRADUATE DEPARTMENTS REPORTING CONSISTENTLY FOR FOUR YEARS, BY LEVEL OF STUDY, CITIZENSHIP, AND TYPE OF MAJOR SUPPORT, 1969-72

ITEM	NUMBER				PERCENT CHANGE		
	1969	1970	1971	1972	1969-70	1970-71	1971-72
ALL SCIENCES, TOTAL...............	11,659	11,780	12,312	12,797	1.0	4.5	3.9
FIRST-YEAR STUDENTS.............	3,647	3,492	3,492	3,538	-4.3	¤	1.3
BEYOND-FIRST-YEAR STUDENTS.....	8,012	8,288	8,820	9,259	3.4	6.4	5.0
CITIZENSHIP							
U. S. CITIZENS, TOTAL...........	11,176	11,319	11,819	12,377	1.3	4.4	4.7
FIRST-YEAR STUDENTS.............	3,494	3,362	3,350	3,438	-3.8	-.4	2.6
BEYOND-FIRST-YEAR STUDENTS.....	7,682	7,957	8,469	8,939	3.6	6.4	5.5
FOREIGN STUDENTS, TOTAL.........	483	461	493	420	-4.6	6.9	-14.8
FIRST-YEAR STUDENTS.............	153	130	142	100	-15.0	9.2	-29.6
BEYOND-FIRST-YEAR STUDENTS.....	330	331	351	320	.3	6.0	-8.8
TYPE OF MAJOR SUPPORT							
FELLOWSHIPS AND TRAINEESHIPS, TOTAL	4,569	4,531	4,279	3,935	-.8	-5.6	-8.0
FIRST-YEAR STUDENTS.............	1,317	1,282	1,094	1,072	-2.7	-14.7	-2.0
BEYOND-FIRST-YEAR STUDENTS.....	3,252	3,249	3,185	2,863	-.1	-2.0	-10.1
U. S. CITIZENS, TOTAL...........	4,459	4,415	4,172	3,838	-1.0	-5.5	-8.0
FIRST-YEAR STUDENTS.............	1,288	1,252	1,062	1,041	-2.8	-15.2	-2.0
BEYOND-FIRST-YEAR STUDENTS.....	3,171	3,163	3,110	2,797	-.3	-1.7	-10.1
FOREIGN STUDENTS, TOTAL.........	110	116	107	97	5.5	-7.8	-9.3
FIRST-YEAR STUDENTS.............	29	30	32	31	*	*	*
BEYOND-FIRST-YEAR STUDENTS.....	81	86	75	66	6.2	-12.8	-12.0
RESEARCH ASSISTANTSHIPS, TOTAL...	1,613	1,605	1,649	1,546	-.5	2.7	-6.2
FIRST-YEAR STUDENTS.............	556	469	507	438	-15.6	8.1	-13.6
BEYOND-FIRST-YEAR STUDENTS.....	1,057	1,136	1,142	1,108	7.5	.5	-3.0
U. S. CITIZENS, TOTAL...........	1,501	1,495	1,538	1,458	-.4	2.9	-5.2
FIRST-YEAR STUDENTS.............	525	439	475	424	-16.4	8.2	-10.7
BEYOND-FIRST-YEAR STUDENTS.....	976	1,056	1,063	1,034	8.2	.7	-2.7
FOREIGN STUDENTS, TOTAL.........	112	110	111	88	-1.8	.9	-20.7
FIRST-YEAR STUDENTS.............	31	30	32	14	*	*	*
BEYOND-FIRST-YEAR STUDENTS.....	81	80	79	74	-1.2	-1.3	-6.3
TEACHING ASSISTANTSHIPS, TOTAL...	2,247	2,354	2,425	2,725	4.8	3.0	12.4
FIRST-YEAR STUDENTS.............	721	649	658	662	-10.0	1.4	.6
BEYOND-FIRST-YEAR STUDENTS.....	1,526	1,705	1,767	2,063	11.7	3.6	16.8
U. S. CITIZENS, TOTAL...........	2,122	2,238	2,296	2,604	5.5	2.6	13.4
FIRST-YEAR STUDENTS.............	683	616	630	636	-9.8	2.3	1.0
BEYOND-FIRST-YEAR STUDENTS.....	1,439	1,622	1,666	1,968	12.7	2.7	18.1
FOREIGN STUDENTS, TOTAL.........	125	116	129	121	-7.2	11.2	-6.2
FIRST-YEAR STUDENTS.............	38	33	28	26	*	*	*
BEYOND-FIRST-YEAR STUDENTS.....	87	83	101	95	-4.6	21.7	-5.9
OTHER TYPES OF MAJOR SUPPORT, TOTAL	3,230	3,290	3,959	4,591	1.9	20.3	16.0
FIRST-YEAR STUDENTS.............	1,053	1,092	1,233	1,366	3.7	12.9	10.8
BEYOND-FIRST-YEAR STUDENTS.....	2,177	2,198	2,726	3,225	1.0	24.0	18.3
U. S. CITIZENS, TOTAL...........	3,094	3,171	3,813	4,477	2.5	20.2	17.4
FIRST-YEAR STUDENTS.............	998	1,055	1,183	1,337	5.7	12.1	13.0
BEYOND-FIRST-YEAR STUDENTS.....	2,096	2,116	2,630	3,140	1.0	24.3	19.4
FOREIGN STUDENTS, TOTAL.........	136	119	146	114	-12.5	22.7	-21.9
FIRST-YEAR STUDENTS.............	55	37	50	29	-32.7	*	-42.0
BEYOND-FIRST-YEAR STUDENTS.....	81	82	96	85	1.2	17.1	-11.5

¤ LESS THAN 0.05 PERCENT CHANGE.
* PERCENT CHANGE IS NOT SHOWN WHEN BASE IS 50 OR LESS.

TABLE D-9G. FULL-TIME GRADUATE STUDENTS IN SOCIAL SCIENCE GRADUATE DEPARTMENTS REPORTING CONSISTENTLY FOR FOUR YEARS, BY LEVEL OF STUDY, CITIZENSHIP, AND TYPE OF MAJOR SUPPORT, 1969-72

ITEM	NUMBER				PERCENT CHANGE		
	1969	1970	1971	1972	1969-70	1970-71	1971-72
ALL SCIENCES, TOTAL................	26,271	26,421	26,412	26,047	.6	□	-1.4
FIRST-YEAR STUDENTS.............	9,589	9,348	9,015	8,334	-2.5	-3.6	-7.6
BEYOND-FIRST-YEAR STUDENTS.....	16,682	17,073	17,397	17,713	2.3	1.9	1.8
CITIZENSHIP							
U. S. CITIZENS, TOTAL...........	22,221	22,152	22,282	22,012	-.3	.6	-1.2
FIRST-YEAR STUDENTS.............	8,191	7,935	7,768	7,035	-3.1	-2.1	-9.4
BEYOND-FIRST-YEAR STUDENTS.....	14,030	14,217	14,514	14,977	1.3	2.1	3.2
FOREIGN STUDENTS, TOTAL.........	4,050	4,269	4,130	4,035	5.4	-3.3	-2.3
FIRST-YEAR STUDENTS.............	1,398	1,413	1,247	1,299	1.1	-11.7	4.2
BEYOND-FIRST-YEAR STUDENTS.....	2,652	2,856	2,883	2,736	7.7	.9	-5.1
TYPE OF MAJOR SUPPORT							
FELLOWSHIPS AND TRAINEESHIPS, TOTAL	8,428	8,109	7,569	6,452	-3.8	-6.7	-14.8
FIRST-YEAR STUDENTS.............	2,805	2,564	2,191	1,774	-8.6	-14.5	-19.0
BEYOND-FIRST-YEAR STUDENTS.....	5,623	5,545	5,378	4,678	-1.4	-3.0	-13.0
U. S. CITIZENS, TOTAL...........	7,004	6,592	6,119	5,247	-5.9	-7.2	-14.3
FIRST-YEAR STUDENTS.............	2,298	2,037	1,743	1,377	-11.4	-14.4	-21.0
BEYOND-FIRST-YEAR STUDENTS.....	4,706	4,555	4,376	3,870	-3.2	-3.9	-11.6
FOREIGN STUDENTS, TOTAL.........	1,424	1,517	1,450	1,205	6.5	-4.4	-16.9
FIRST-YEAR STUDENTS.............	507	527	448	397	3.9	-15.0	-11.4
BEYOND-FIRST-YEAR STUDENTS.....	917	990	1,002	808	8.0	1.2	-19.4
RESEARCH ASSISTANTSHIPS, TOTAL...	2,626	2,617	2,637	2,571	-.3	.8	-2.5
FIRST-YEAR STUDENTS.............	829	870	846	746	4.9	-2.8	-11.[illegible]
BEYOND-FIRST-YEAR STUDENTS.....	1,797	1,747	1,791	1,825	-2.8	2.5	1.9
U. S. CITIZENS, TOTAL...........	2,071	2,046	2,138	2,058	-1.2	4.5	-3.7
FIRST-YEAR STUDENTS.............	696	711	728	631	2.2	2.4	-13.3
BEYOND-FIRST-YEAR STUDENTS.....	1,375	1,335	1,410	1,427	-2.9	5.6	[illegible].2
FOREIGN STUDENTS, TOTAL.........	555	571	499	513	2.9	-12.6	2.8
FIRST-YEAR STUDENTS.............	133	159	118	115	19.5	-25.8	-2.5
BEYOND-FIRST-YEAR STUDENTS.....	422	412	381	398	-2.4	-7.5	4.5
TEACHING ASSISTANTSHIPS, TOTAL...	5,086	5,213	5,187	5,379	2.5	-.5	3.7
FIRST-YEAR STUDENTS.............	1,390	1,318	1,234	1,234	-5.2	-6.4	□
BEYOND-FIRST-YEAR STUDENTS.....	3,696	3,895	3,953	4,145	5.4	1.5	4.9
U. S. CITIZENS, TOTAL...........	4,330	4,462	4,485	4,723	3.0	.5	5.3
FIRST-YEAR STUDENTS.............	1,190	1,170	1,098	1,122	-1.7	-6.2	2.2
BEYOND-FIRST-YEAR STUDENTS.....	3,140	3,292	3,387	3,601	4.8	2.9	6.3
FOREIGN STUDENTS, TOTAL.........	756	751	702	656	-.7	-6.5	-6.6
FIRST-YEAR STUDENTS.............	200	148	136	112	-26.0	-8.1	-17.6
BEYOND-FIRST-YEAR STUDENTS.....	556	603	566	544	8.5	-6.1	-3.9
OTHER TYPES OF MAJOR SUPPORT, TOTAL	10,131	10,482	11,019	11,645	3.5	5.1	5.7
FIRST-YEAR STUDENTS.............	4,565	4,596	4,744	4,580	.7	3.2	-3.5
BEYOND-FIRST-YEAR STUDENTS.....	5,566	5,886	6,275	7,065	5.7	6.6	12.6
U. S. CITIZENS, TOTAL...........	8,816	9,052	9,540	9,984	2.7	5.4	4.7
FIRST-YEAR STUDENTS.............	4,007	4,017	4,199	3,905	.2	4.5	-7.0
BEYOND-FIRST-YEAR STUDENTS.....	4,809	5,035	5,341	6,079	4.7	6.1	13.8
FOREIGN STUDENTS, TOTAL.........	1,315	1,430	1,479	1,661	8.7	3.4	12.3
FIRST-YEAR STUDENTS.............	558	579	545	675	3.8	-5.9	23.9
BEYOND-FIRST-YEAR STUDENTS.....	757	851	934	986	12.4	9.8	5.6

□ LESS THAN 0.05 PERCENT CHANGE.
* PERCENT CHANGE IS NOT SHOWN WHEN BASE IS 50 OR LESS.

TABLE D-10. POSTDOCTORALS IN ALL GRADUATE DEPARTMENTS REPORTING CONSISTENTLY FOR FOUR YEARS, BY AREA OF SCIENCE, 1969-72

AREA OF SCIENCE	NUMBER				PERCENT CHANGE		
	1969	1970	1971	1972	1969-70	1970-71	1971-72
ALL POSTDOCTORAL APPOINTEES							
TOTAL	7,711	7,725	8,126	8,912	.2	5.2	9.7
ENGINEERING	681	692	773	909	1.6	11.7	17.6
PHYSICAL SCIENCES	3,743	3,647	3,932	4,175	-2.6	7.8	6.2
MATHEMATICAL SCIENCES	295	291	269	263	-1.4	-7.6	-2.2
LIFE SCIENCES	2,447	2,545	2,604	2,920	4.0	2.3	12.1
PSYCHOLOGY	234	261	269	247	11.5	3.1	-8.2
SOCIAL SCIENCES	311	289	279	398	-7.1	-3.5	42.7
RECENT DOCTORALS							
TOTAL	5,234	5,311	5,847	6,728	1.5	10.1	15.1
ENGINEERING	440	431	488	641	-2.0	13.2	31.4
PHYSICAL SCIENCES	2,888	2,801	3,052	3,353	-3.0	9.0	9.9
MATHEMATICAL SCIENCES	181	187	173	153	3.3	-7.5	-11.6
LIFE SCIENCES	1,454	1,587	1,784	2,152	9.1	12.4	20.6
PSYCHOLOGY	136	159	186	167	16.9	17.0	-10.2
SOCIAL SCIENCES	135	146	164	262	8.1	12.3	55.8

□ LESS THAN 0.05 PERCENT CHANGE.
* PERCENT CHANGE IS NOT SHOWN WHEN BASE IS 50 OR LESS.

APPENDIX IV

Instructions and Consolidated Departmental Data Sheets

	Page
Instructions	162
E-1 through E-7: All Graduate Departments, 1972	163
F-1 through F-7: Master's Departments, 1972	170
G-1 through G-7: Doctorate Departments, 1972	177
G-8: Doctorate Departments in Medical Schools, 1972	184

INSTRUCTIONS FOR COMPLETING THE DEPARTMENTAL DATA SHEET

GENERAL:

This form is being mailed to all institutions of higher education in the U. S. that confer doctoral-level degrees in at least one of the following fields of science:

Engineering
- Aeronautical
- Agricultural
- Chemical
- Civil
- Electrical
- Engineering science
- Industrial
- Mechanical
- Metallurgical and materials
- Mining
- Nuclear
- Petroleum
- Other engineering

Physical sciences
- Astronomy
- Atmospheric sciences
- Chemistry
- Geosciences
- Oceanography
- Physics

Mathematical sciences
- Applied mathematics
- Mathematics
- Statistics

Life sciences
- Agriculture
- Anatomy
- Biochemistry
- Biology
- Botany
- Clinical medical sciences
- Ecology
- Genetics
- Microbiology
- Pharmacology
- Physiology
- Zoology
- Other life sciences

Psychology
- Clinical psychology
- Experimental psychology
- Human development
- Physiological psychology
- Social psychology
- Other psychology

Social sciences
- Agricultural economics
- Anthropology
- Economics (except agricultural)
- Geography
- History and philosophy of science
- Linguistics
- Political science
- Sociology

Item 4–
Highest degree offered.
Check the box which refers to the highest degree offered by this science department in October 1972.

Item 5–
A *full-time* graduate student is defined here as a *bona fide* graduate student enrolled for an advanced degree (not a regular staff member, e.g., an instructor) who is engaged in training activities in his field of science; these activities may embrace any appropriate combination of study, teaching, and research. (Some institutions use the phrase "geographical full-time student" to describe such students). All other graduate students enrolled for advanced degrees are considered *part time* and should be reported under Item 7.

A *first-year* graduate student is defined for this program as one who will have completed *less than one normal year* of graduate study as of the beginning of the Fall term of 1972. All other students should be considered beyond first level.

Insert in each appropriate box the number of students who are simultaneously (a) full-time graduate students (defined above), (b) enrolled in an advanced degree program, and (c) receiving a total stipend of *$1200* or more–*not counting tuition and excluding personal, family, and loan sources*--during the 1972-1973 academic year.

All students meeting criteria (a) and (b), but not (c), should be counted under "Self, Loans, and Family." Full-time graduate students working for an advanced degree who are employees of another organization, on leave of absence, and whose major support is provided by their employer, should be listed under "Other U. S. Sources." If a graduate student receives stipend support from more than one source, choose the *major* source. For cases of two or more equivalent sources choose one *major* source category so that *using only whole numbers* the departmental data sheet will give a reasonably accurate *average* support picture for the department.

Care should be used in listing support sources accurately so that students (particularly research assistants) supported under U. S. Government grants are listed under the appropriate U. S. Government agency (e.g., students supported on an AEC research grant should appear under AEC and students supported under an NSF Institutional Grant should appear under NSF, not under "Institutional Support"). Institutional Support refers to support from "This" institution, as well as from State and local governments.

Students are to be classified according to citizenship, i.e., *U. S.* citizens (or nationals, e.g., native residents of a possession of the U. S. such as American Samoa), and *foreign* students. Applicants for U. S. citizenship are to be considered as "foreign" until the date their citizenship becomes effective.

Each row total given under *ALL SOURCES* is to be split into two components, *First Year* and *Beyond First.* Thus *every* full-time graduate student enrolled for an advanced degree is counted only once by a major source of support and once again in a separate breakout by level (First Year or Beyond First) of study.

Item 6–
Insert in the appropriate boxes the number of full-time students who were enrolled in this department in Fall 1971. If the exact data are not at hand, please give a reasonable estimate.

Item 7–
The numbers of graduate students who are working for advanced degrees, but who are not pursuing graduate work full time, are enumerated under the entries for *part time.* Do not include "special" students who are *not* enrolled for advanced degrees or students who have left your institution but are completing their theses while engaged in other activities

Item 8–
Under *Postdoctorals* and/or *Research Associates,* include individuals with doctorates (including foreign degrees that are equivalent to U. S. doctorates) who devote *full time* to research activities or study in the department under temporary appointments carrying no academic rank such as instructor or above. Such appointments are usually for a *specific time period.* They may contribute to the academic program through seminars, lectures, or working with graduate students. Their postdoctoral activities have an element of additional training for them. Under (1), give the total number of Postdoctorals and/or Research Associates as defined above, as of Fall 1971. Of this number, enter under (2) the number who received their doctorates in *1967* or later. Under (3) enter the total appointments in this department as of Fall 1972, and under (4), the number of these receiving their doctorates in 1968 or later.

NATIONAL SCIENCE FOUNDATION
SURVEY OF GRADUATE SCIENCE STUDENT SUPPORT, FALL 1972
DEPARTMENTAL DATA SHEET

Table E-1

SUMMARY OF RESPONSES FROM 4,637 GRADUATE DEPARTMENTS

5. Full-time graduate science students enrolled for advanced degrees (M.S. and Ph.D.) receiving support of $1,200 or more in Fall 1972.

TYPES OF SUPPORT		U.S. GOVERNMENT (EXCLUDING LOANS)			HEW							NON–U.S. GOVERNMENT					ALL SOURCES		
		AEC (a)	VA (G.I. Bill) (b)	DOD (c)	NDEA (d)	PHS (NIH) (e)	OTHER HEW (f)	NASA (g)	NSF (h)	Other U.S. Government (i)	Total U.S. Government (j) (a–i)	Institutional support[a] (k)	Self, loans, and family (l)	Other U.S. Sources[b] (m)	Foreign sources (n)	Total U.S. Government (k–n) (o)	Total (j and o) (p)	First year (q)	Beyond first (r)
Fellowships and Traineeships	United States 1	230		208	3,007	9,876	1,111	73	3,477	2,295	20,277	6,695		2,790	69	9,554	29,831	8,728	21,103
	Foreign 2			13	16	190	31	27		592	869	1,496		802	1,722	4,020	4,889	1,679	3,210
Graduate Research Assistantships	United States 3	1,147		1,750	54	2,620	384	834	4,792	3,273	14,854	8,411		2,096		10,507	25,361	6,738	18,623
	Foreign 4	375		919	2	776	74	325	2,009	1,147	5,627	2,394		686	131	3,211	8,838	1,657	7,181
Other Than Above	United States 5					102	23		110	115	350	33,390		172		33,562	33,912	11,228	22,684
	Foreign 6					34	5		23	19	81	6,685		45		6,730	6,811	1,656	5,155
Other Than Above	United States 7	46	931	1,965	25	125	36	27	193	1,041	4,389	2,942	31,530	2,866		37,338	41,727	17,422	24,305
	Foreign 8	6		167		21	5	1	45	263	508	564	7,118	400	1,370	9,452	9,960	4,306	5,654
TOTALS	9	1,804	931	5,022	3,104	13,744	1,669	1,287	10,649	8,745	46,955	62,577	38,648	9,857	3,292	114,374	161,329	53,414	107,915
	Men 10	1,699	903	4,880	2,475	9,928	1,060	1,237	9,390	7,723	39,295	51,136	30,355	8,349	2,996	92,836	132,131	42,807	89,324
	Women 11	105	28	142	629	3,816	609	50	1,259	1,022	7,660	11,441	8,293	1,508	296	21,538	29,198	10,607	18,591
Total	United States 12	1,423	931	3,923	3,086	12,723	1,554	934	8,572	6,724	39,870	51,438	31,530	7,924	69	90,961	130,831	44,116	86,715
Total	Foreign 13	381		1,099	18	1,021	115	353	2,077	2,021	7,085	11,139	7,118	1,933	3,223	23,413	30,498	9,298	21,200
6. Full-time graduate science students enrolled for advanced degrees in this department as of Fall 1971; complete columns (j), (o), (p), (q), and (r):											51,954					112,810	164,764	55,340	109,424

7. Part-time graduate science students enrolled for advanced degrees (do not include "special" students):

FALL 1971			FALL 1972		
First Year	Beyond First	Total	First Year	Beyond First	Total
(a)	(b)	(c)	(d)	(e)	(f)
18,251	31,665	49,916	17,723	31,843	49,566

8. Postdoctorals and/or Research Associates:

FALL 1971		FALL 1972	
Total	Recent Doctorals (since 1967)	Total	Recent Doctorals (since 1968)
(a)	(b)	(c)	(d)
12,652	9,119	13,743	9,904

[a] Include institutions and State and local governments. [b] Include support from nonprofit institutions, industry, and all other U.S. sources.

NATIONAL SCIENCE FOUNDATION
SURVEY OF GRADUATE SCIENCE STUDENT SUPPORT, FALL 1972
DEPARTMENTAL DATA SHEET

Table E-2
SUMMARY OF RESPONSES FROM 880 GRADUATE DEPARTMENTS IN ENGINEERING

5. Full-time graduate science students enrolled for advanced degrees (M.S. and Ph.D.) receiving support of $1,200 or more in Fall 1972.

TYPES OF SUPPORT		U.S. GOVERNMENT (EXCLUDING LOANS)										NON–U.S. GOVERNMENT					ALL SOURCES		
					HEW														
		AEC	VA (G.I.[a] Bill)	DOD	NDEA	PHS (NIH)	OTHER HEW	NASA	NSF	Other U.S. Govern-ment	Total U.S. Govern-ment	Insti-tutional support[a]	Self, loans, and family	Other U.S. Sources[b]	Foreign sources	Total U.S. Govern-ment	Total	First year	Beyond first
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j) (a–i)	(k)	(l)	(m)	(n)	(k–n) (o)	(j and o) (p)	(q)	(r)
Fellowships and Traineeships	United States 1	154		70	408	557	143	39	651	745	2,767	799		794	7	1,600	4,367	1,962	2,405
	Foreign 2			10	4	22	7	17		87	147	375		182	471	1,028	1,175	447	728
Graduate Research Assistantships	United States 3	213		963	13	227	56	328	1,046	796	3,642	1,395		645		2,040	5,682	2,045	3,637
	Foreign 4	137		690	1	132	31	232	1,010	569	2,802	953		358	16	1,327	4,129	896	3,233
Other Than Above	United States 5					3			15	33	51	3,184		27		3,211	3,262	1,478	1,784
	Foreign 6					3			5	14	22	1,633		9		1,642	1,664	428	1,236
Other Than Above	United States 7	30	153	1,350		7	2	9	9	526	2,086	427	4,883	858		6,168	8,254	4,055	4,199
	Foreign 8	1		146		3			19	68	237	180	3,268	130	565	4,143	4,380	2,103	2,277
TOTALS	9	535	153	3,229	426	954	239	625	2,755	2,838	11,754	8,946	8,151	3,003	1,059	21,159	32,913	13,414	19,499
	Men 10	517	152	3,195	415	911	230	618	2,676	2,768	11,482	8,669	7,905	2,930	1,030	20,534	32,016	12,997	19,019
	Women 11	18	1	34	11	43	9	7	79	70	272	277	246	73	29	625	897	417	480
Total	United States 12	397	153	2,383	421	794	201	376	1,721	2,100	8,546	5,805	4,883	2,324	7	13,019	21,565	9,540	12,025
Total	Foreign 13	138		846	5	160	38	249	1,034	738	3,208	3,141	3,268	679	1,052	8,140	11,348	3,874	7,474
6. Full-time graduate science students enrolled for advanced degrees in this department as of Fall 1971; complete columns (j), (o), (p), (q), and (r);											12,869					21,561	34,430	13,905	20,525

7. Part-time graduate science students enrolled for advanced degrees (do not include "special" students):

FALL 1971			FALL 1972		
First Year	Beyond First	Total	First Year	Beyond First	Total
(a)	(b)	(c)	(d)	(e)	(f)
8,517	11,457	19,974	7,730	10,981	18,711

8. Postdoctorals and/or Research Associates:

FALL 1971		FALL 1972	
Total	Recent Doctorals (since 1967)	Total	Recent Doctorals (since 1968)
(a)	(b)	(c)	(d)
980	660	1,064	747

[a] Include institutions and State and local governments. [b] Include support from nonprofit institutions, industry, and all other U.S. sources.

NATIONAL SCIENCE FOUNDATION
SURVEY OF GRADUATE SCIENCE STUDENT SUPPORT, FALL 1972
DEPARTMENTAL DATA SHEET

Table E-3
SUMMARY OF RESPONSES FROM
683 GRADUATE DEPARTMENTS
IN THE PHYSICAL SCIENCES

5. Full-time graduate science students enrolled for advanced degrees (M.S. and Ph.D.) receiving support of $1,200 or more in Fall 1972.

TYPES OF SUPPORT		U.S. GOVERNMENT (EXCLUDING LOANS)										NON–U.S. GOVERNMENT					ALL SOURCES		
					HEW														
		AEC	VA (G.I. Bill)	DOD	NDEA	PHS (NIH)	OTHER HEW	NASA	NSF	Other U.S. Government	Total U.S. Government	Institutional support[a]	Self, loans, and family	Other U.S. Sources[b]	Foreign sources	Total U.S. Government	Total	First year	Beyond first
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j) (a–i)	(k)	(l)	(m)	(n)	(o) (k–n)	(p) (j and o)	(q)	(r)
Fellowships and Traineeships	United States 1	30		50	586	332	22	11	906	150	2,087	1,024		438	7	1,469	3,556	814	2,742
	Foreign 2			1	3	9	3	8		28	52	247		108	216	571	623	178	445
Graduate Research Assistantships	United States 3	830		568	11	614	14	423	2,494	605	5,559	1,006		434		1,440	6,999	876	6,123
	Foreign 4	212		147		190		78	661	143	1,431	299		91	26	416	1,847	182	1,665
Other Than Above	United States 5					5	2		38	7	52	8,901		33		8,934	8,986	3,210	5,776
	Foreign 6					1			8		9	2,386		9		2,395	2,404	677	1,727
Other Than Above	United States 7	6	130	339		2	8	10	34	124	653	251	2,601	234		3,086	3,739	1,396	2,343
	Foreign 8	2		13		1			4	15	35	83	512	38	126	759	794	324	470
TOTALS	9	1,080	130	1,118	600	1,154	49	530	4,145	1,072	9,878	14,197	3,113	1,385	375	19,070	28,948	7,657	21,291
	Men 10	1,028	124	1,066	523	974	43	502	3,793	984	9,037	12,426	2,744	1,232	348	16,750	25,787	6,587	19,200
	Women 11	52	6	52	77	180	6	28	352	88	841	1,771	369	153	27	2,320	3,161	1,070	2,091
Total	United States 12	866	130	957	597	953	46	444	3,472	886	8,351	11,182	2,601	1,139	7	14,929	23,280	6,296	16,984
Total	Foreign 13	214		161	3	201	3	86	673	186	1,527	3,015	512	246	368	4,141	5,668	1,361	4,307
6. Full-time graduate science students enrolled for advanced degrees in this department as of Fall 1971; complete columns (j), (o), (p), (q), and (r):											11,341					19,064	30,405	8,081	22,324

7. Part-time graduate science students enrolled for advanced degrees (do not include "special" students):

FALL 1971			FALL 1972		
First Year	Beyond First	Total	First Year	Beyond First	Total
(a)	(b)	(c)	(d)	(e)	(f)
1,097	3,042	4,139	1,049	3,167	4,216

8. Postdoctorals and/or Research Associates:

FALL 1971		FALL 1972	
Total	Recent Doctorals (since 1967)	Total	Recent Doctorals (since 1968)
(a)	(b)	(c)	(d)
4,042	3,220	4,342	3,481

[a] Include institutions and State and local governments.

[b] Include support from nonprofit institutions, industry, and all other U.S. sources.

NATIONAL SCIENCE FOUNDATION
SURVEY OF GRADUATE SCIENCE STUDENT SUPPORT, FALL 1972
DEPARTMENTAL DATA SHEET

Table E-4
SUMMARY OF RESPONSES FROM 320 GRADUATE DEPARTMENTS IN THE MATHEMATICAL SCIENCES

5. Full-time graduate science students enrolled for advanced degrees (M.S. and Ph.D.) receiving support of $1,200 or more in Fall 1972.

TYPES OF SUPPORT		U.S. GOVERNMENT (EXCLUDING LOANS)										NON–U.S. GOVERNMENT					ALL SOURCES		
		AEC	VA (G.I.* Bill)	DOD	HEW: NDEA	HEW: PHS (NIH)	HEW: OTHER HEW	NASA	NSF	Other U.S. Government	Total U.S. Government	Institutional support[a]	Self, loans, and family	Other U.S. Sources[b]	Foreign sources	Total U.S. Government	Total	First year	Beyond first
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j) (a–i)	(k)	(l)	(m)	(n)	(o) (k–n)	(p) (j and o)	(q)	(r)
Fellowships and Traineeships	United States 1			5	203	116	39	4	441	32	840	474		124	5	603	1,443	449	994
	Foreign 2			1	1	3		1		13	19	108		31	109	248	267	92	175
Graduate Research Assistantships	United States 3	38		138	2	29	4	6	276	59	552	324		32		356	908	266	642
	Foreign 4	11		62		3	1	4	130	29	240	88		1	6	95	335	50	285
Other Than Above	United States 5						2		32	10	44	4,958		15		4,973	5,017	1,689	3,328
	Foreign 6					1			8		9	955		6		961	970	184	786
Other Than Above	United States 7	2	52	95		1		3	84	55	292	206	2,536	192		2,934	3,226	1,360	1,866
	Foreign 8	1		6					9	7	23	56	627	29	77	789	812	313	499
TOTALS	9	52	52	307	206	153	46	18	980	205	2,019	7,169	3,163	430	197	10,959	12,978	4,403	8,575
	Men 10	46	52	283	173	114	32	17	856	179	1,752	5,791	2,528	350	174	8,843	10,595	3,391	7,204
	Women 11	6		24	33	39	14	1	124	26	267	1,378	635	80	23	2,116	2,383	1,012	1,371
Total	United States 12	40	52	238	205	146	45	13	833	156	1,728	5,962	2,536	363	5	8,866	10,594	3,764	6,830
Total	Foreign 13	12		69	1	7	1	5	147	49	291	1,207	627	67	192	2,093	2,384	639	1,745
6. Full-time graduate science students enrolled for advanced degrees in this department as of Fall 1971; complete columns (j), (o), (p), (q), and (r):											2,521					10,972	13,493	4,803	8,690

7. Part-time graduate science students enrolled for advanced degrees (do not include "special" students):

FALL 1971			FALL 1972		
First Year	Beyond First	Total	First Year	Beyond First	Total
(a)	(b)	(c)	(d)	(e)	(f)
2,247	2,787	5,034	2,277	2,753	5,030

8. Postdoctorals and/or Research Associates:

FALL 1971		FALL 1972	
Total	Recent Doctorals (since 1967)	Total	Recent Doctorals (since 1968)
(a)	(b)	(c)	(d)
261	153	228	120

[a] Include institutions and State and local governments.

[b] Include support from nonprofit institutions, industry, and all other U.S. sources.

NATIONAL SCIENCE FOUNDATION
SURVEY OF GRADUATE SCIENCE STUDENT SUPPORT, FALL 1972
DEPARTMENTAL DATA SHEET

Table E-5
SUMMARY OF RESPONSES FROM 1,681 GRADUATE DEPARTMENTS IN THE LIFE SCIENCES

5. Full-time graduate science students enrolled for advanced degrees (M.S. and Ph.D.) receiving support of $1,200 or more in Fall 1972.

TYPES OF SUPPORT		U.S. GOVERNMENT[a] (EXCLUDING LOANS)										NON–U.S. GOVERNMENT					ALL SOURCES		
					HEW														
		AEC	VA (G.I. Bill)	DOD	NDEA	PHS (NIH)	OTHER HEW	NASA	NSF	Other U.S. Government	Total U.S. Government	Institutional support[a]	Self, loans, and family	Other U.S. Sources[b]	Foreign sources	Total U.S. Government	Total	First year	Beyond first
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j) (a–i)	(k)	(l)	(m)	(n)	(o) (k–n)	(p) (j and o)	(q)	(r)
Fellowships and Traineeships	United States 1	46		22	575	5,525	313	[illegible]	684	317	7,494	1,278		436	11	1,725	9,219	2,267	6,952
	Foreign 2				2	128	2			179	311	323		182	442	947	1,258	423	835
Graduate Research Assistantships	United States 3	65		20	25	1,151	67	57	513	1,267	3,155	3,054		718		3,772	6,937	1,923	5,014
	Foreign 4	15		8	1	386	20	7	108	299	844	667		184	74	925	1,769	350	1,419
Other Than Above	United States 5					84	8		7	27	126	6,857		48		6,905	7,031	2,272	4,759
	Foreign 6					28	5		1	3	37	740		12		752	789	157	632
Other Than Above	United States 7	8	216	10	14	94	9	3	37	112	503	742	6,145	392		7,279	7,782	3,340	4,442
	Foreign 8	2		2		15	3	1	6	121	150	129	918	116	375	1,538	1,688	655	1,033
TOTALS	9	136	216	62	617	7,411	427	80	1,356	2,325	12,630	13,790	7,063	2,088	902	23,843	36,473	11,387	25,086
	Men 10	108	213	54	448	5,347	284	72	1,025	2,039	9,590	10,753	5,254	1,671	814	18,492	28,082	8,379	19,703
	Women 11	28	3	8	169	2,064	143	8	331	286	3,040	3,037	1,809	417	88	5,351	8,391	3,008	5,383
Total	United States 12	119	216	52	614	6,854	397	72	1,241	1,723	11,288	11,931	6,145	1,594	11	1[illegible],681	30,969	9,802	21,167
Total	Foreign 13	17		10	3	557	30	8	115	602	1,342	1,859	918	494	891	4,[illegible]2	5,504	1,585	3,919
6. Full-time graduate science students enrolled for advanced degrees in this department as of Fall 1971; complete columns (j), (o), (p), (q), and (r):											13,447					22,742	[illegible]	11,019	25,170

7. Part-time graduate science students enrolled for advanced degrees (do not include "special" students):

FALL 1971			FALL 1972		
First Year	Beyond First	Total	First Year	Beyond First	Total
(a)	(b)	(c)	(d)	(e)	(f)
1,575	3,702	5,277	1,871	3,820	5,691

8. Postdoctorals and/or Research Associates:

FALL 1971		FALL 1972	
Total	Recent Doctorals (since 1967)	Total	Recent Doctorals (since 1968)
(a)	(b)	(c)	(d)
6,602	4,620	7,225	4,983

[a] Include institutions and State and local government.

[b] Include support from nonprofit institutions, industry, and all other U.S. sources.

NATIONAL SCIENCE FOUNDATION
SURVEY OF GRADUATE SCIENCE STUDENT SUPPORT, FALL 1972
DEPARTMENTAL DATA SHEET

Table E-6
SUMMARY OF RESPONSES FROM 219 GRADUATE DEPARTMENTS IN PSYCHOLOGY

5. Full-time graduate science students enrolled for advanced degrees (M.S. and Ph.D.) receiving support of $1,200 or more in Fall 1972.

TYPES OF SUPPORT		U.S. GOVERNMENT (EXCLUDING LOANS)										NON–U.S. GOVERNMENT					ALL SOURCES		
					HEW														
		AEC	VA (G.I.* Bill)	DOD	NDEA	PHS (NIH)	OTHER HEW	NASA	NSF	Other U.S. Government	Total U.S. Government	Institutional support[a]	Self, loans, and family	Other U.S. Sources[b]	Foreign sources	Total U.S. Government	Total	First year	Beyond first
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j) (a–i)	(k)	(l)	(m)	(n)	(o) (k–n)	(p) (j and o)	(q)	(r)
Fellowships and Traineeships	United States 1			18	237	2,215	220	3	232	516	3,441	773		187	5	965	4,406	1,230	3,176
	Foreign 2				1	10	3	1		15	30	37		16	34	87	117	41	76
Graduate Research Assistantships	United States 3	1		45	2	500	143	9	185	63	948	627		108		735	1,683	505	1,178
	Foreign 4			4		44	7	1	17	1	74	20		10	1	31	105	15	90
Other Than Above	United States 5					6	2		15		23	2,987		28		3,015	3,038	808	2,230
	Foreign 6											132		1		133	133	27	106
Other Than Above	United States 7		102	14	4	12	3		4	99	238	645	4,060	575		5,280	5,518	1,793	3,725
	Foreign 8					1			4	1	6	17	115	6	13	151	157	47	110
TOTALS	9	1	102	81	244	2,788	378	14	457	695	4,760	5,238	4,175	931	53	10,397	15,157	4,466	10,691
	Men 10		95	67	164	1,760	221	12	315	494	3,128	3,474	2,500	634	34	6,642	9,770	2,716	7,054
	Women 11	1	7	14	80	1,028	157	2	142	201	1,632	1,764	1,675	297	19	3,755	5,387	1,750	3,637
Total	United States 12	1	102	77	243	2,733	368	12	436	678	4,650	5,032	4,060	898	5	9,995	14,645	4,336	10,309
Total	Foreign 13			4	1	55	10	2	21	17	110	206	115	33	48	402	512	130	382
6. Full-time graduate science students enrolled for advanced degrees in this department as of Fall 1971; complete columns (j), (o), (p), (q), and (r);											5,095					9,900	14,995	4,530	10,465

7. Part-time graduate science students enrolled for advanced degrees (do not include "special" students):

FALL 1971			FALL 1972		
First Year	Beyond First	Total	First Year	Beyond First	Total
(a)	(b)	(c)	(d)	(e)	(f)
864	2,208	3,072	610	2,074	2,684

8. Postdoctorals and/or Research Associates:

FALL 1971		FALL 1972	
Total	Recent Doctorals (since 1967)	Total	Recent Doctorals (since 1968)
(a)	(b)	(c)	(d)
486	311	489	324

[a] Include institutions and State and local governments.

[b] Include support from nonprofit institutions, industry, and all other U.S. sources.

NATIONAL SCIENCE FOUNDATION
SURVEY OF GRADUATE SCIENCE STUDENT SUPPORT, FALL 1972
DEPARTMENTAL DATA SHEET

Table E-7
SUMMARY OF RESPONSES FROM
854 GRADUATE DEPARTMENTS
IN THE SOCIAL SCIENCES

5. Full-time graduate science students enrolled for advanced degrees (M.S. and Ph.D.) receiving support of $1,200 or more in Fall 1972.

TYPES OF SUPPORT		U.S. GOVERNMENT (EXCLUDING LOANS)			HEW							NON–U.S. GOVERNMENT					ALL SOURCES		
		AEC	VA (G.I.* Bill)	DOD	NDEA	PHS (NIH)	OTHER HEW	NASA	NSF	Other U.S. Government	Total U.S. Government	Institutional support[a]	Self, loans, and family	Other U.S. Sources[b]	Foreign sources	Total U.S. Government	Total	First year	Beyond first
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j) (a–i)	(k)	(l)	(m)	(n)	(k–n) (o)	(j and o) (p)	(q)	(r)
Fellowships and Traineeships	United States 1			43	998	1,131	374	4	563	535	3,648	2,347		811	34	3,192	6,840	2,006	4,834
	Foreign 2			1	5	18	16			270	310	406		283	450	1,139	1,449	498	951
Graduate Research Assistantships	United States 3			16	1	99	100	11	278	483	988	2,005		159		2,164	3,152	1,123	2,029
	Foreign 4			8		21	15	3	83	106	236	367		42	8	417	653	164	489
Other Than Above	United States 5					4	9		3	38	54	6,503		21		6,524	6,578	1,771	4,807
	Foreign 6					1			1	2	4	839		8		847	851	183	668
Other Than Above	United States 7		278	157	7	9	14	2	25	125	617	671	11,305	615		12,591	13,208	5,478	7,730
	Foreign 8					1	2		3	51	57	99	1,678	81	214	2,072	2,129	864	1,265
TOTALS	9		278	225	1,011	1,284	530	20	956	1,610	5,914	13,237	12,983	2,020	706	28,946	34,860	12,087	22,773
	Men 10		267	215	752	822	250	16	725	1,259	4,306	10,023	9,424	1,532	596	21,575	25,881	8,737	17,144
	Women 11		11	10	259	462	280	4	231	351	1,608	3,214	3,559	488	110	7,371	8,979	3,350	5,629
Total	United States 12		278	216	1,006	1,243	497	17	869	1,181	5,307	11,526	11,305	1,606	34	24,471	29,778	10,378	19,400
Total	Foreign 13			9	5	41	33	3	87	429	607	1,711	1,678	414	672	4,475	5,082	1,709	3,373
6. Full-time graduate science students enrolled for advanced degrees in this department as of Fall 1971; complete columns (j), (o), (p), (q), and (r);											6,681					28,571	35,252	13,002	22,250

7. Part-time graduate science students enrolled for advanced degrees (do not include "special" students):

FALL 1971			FALL 1972		
First Year	Beyond First	Total	First Year	Beyond First	Total
(a)	(b)	(c)	(d)	(e)	(f)
3,951	8,469	12,420	4,186	9,048	13,234

8. Postdoctorals and/or Research Associates:

FALL 1971		FALL 1972	
Total	Recent Doctorals (since 1967)	Total	Recent Doctorals (since 1968)
(a)	(b)	(c)	(d)
281	155	395	249

[a] Include institutions and State and local governments.

[b] Include support from nonprofit institutions, industry, and all other U.S. sources.

NATIONAL SCIENCE FOUNDATION
SURVEY OF GRADUATE SCIENCE STUDENT SUPPORT, FALL 1972
DEPARTMENTAL DATA SHEET

Table F-1

SUMMARY OF RESPONSES FROM 826 MASTER'S DEPARTMENTS

5. Full-time graduate science students enrolled for advanced degrees (M.S. and Ph.D.) receiving support of $1,200 or more in Fall 1972.

TYPES OF SUPPORT		U.S. GOVERNMENT (EXCLUDING LOANS)										NON–U.S. GOVERNMENT					ALL SOURCES		
		AEC	VA (G.I.[a] Bill)	DOD	HEW: NDEA	HEW: PHS (NIH)	HEW: OTHER HEW	NASA	NSF	Other U. S. Govern-ment	Total U. S. Govern-ment	Insti-tutional support[a]	Self, loans, and family	Other U. S. Sources[b]	Foreign sources	Total U. S. Govern-ment	Total	First year	Beyond first
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j) (a–i)	(k)	(l)	(m)	(n)	(o) (k–n)	(p) (j and o)	(q)	(r)
Fellowships and Traineeships	United States 1	3		6	21	300	94	1	66	187	678	252		93	2	347	1,025	604	421
	Foreign 2					9				33	42	38		17	96	151	193	96	97
Graduate Research Assistantships	United States 3	13		42		43	33	11	123	318	583	372		119		991	1,574	903	671
	Foreign 4			12		6	3	1	15	53	90	127		14	5	146	236	100	136
Other Than Above	United States 5					3	9		21	20	53	2,743		14		2,757	2,810	1,583	1,227
	Foreign 6					2			4	1	7	299		8		307	314	148	166
Other Than Above	United States 7	3	187	186		3	3	1	1	49	433	315	3,431	217		3,963	4,396	2,548	1,848
	Foreign 8	1		5						34	40	47	620	26	111	804	844	425	419
TOTALS	9	20	187	251	21	366	142	14	230	695	1,926	4,693	4,051	508	214	9,466	11,392	6,407	4,985
	Men 10	18	183	246	17	180	85	12	198	623	1,562	3,626	2,998	409	191	7,224	8,786	4,956	3,830
	Women 11	2	4	5	4	186	57	2	32	72	364	1,067	1,053	99	23	2,242	2,606	1,451	1,155
Total	United States 12	19	187	234	21	349	139	13	211	574	1,747	4,182	3,431	443	2	8,058	9,805	5,638	4,167
Total	Foreign 13	1		17		17	3	1	19	121	179	511	620	65	212	1,408	1,587	769	818
6. Full-time graduate science students enrolled for advanced degrees in this department as of Fall 1971; complete columns (j), (o), (p), (q), and (r);											2,038					9,273	11,311	6,612	4,699

7. Part-time graduate science students enrolled for advanced degrees (do not include "special" students):

FALL 1971			FALL 1972		
First Year	Beyond First	Total	First Year	Beyond First	Total
(a)	(b)	(c)	(d)	(e)	(f)
4,235	3,949	8,184	4,538	4,254	8,792

8. Postdoctorals and/or Research Associates:

FALL 1971		FALL 1972	
Total	Recent Doctorals (since 1967)	Total	Recent Doctorals (since 1968)
(a)	(b)	(c)	(d)
146	89	186	106

[a] Include institutions and State and local governments.
[b] Include support from nonprofit institutions, industry, and all other U.S. sources.

Table F-2

SUMMARY OF RESPONSES FROM 171 MASTER'S DEPARTMENTS IN ENGINEERING

NATIONAL SCIENCE FOUNDATION
SURVEY OF GRADUATE SCIENCE STUDENT SUPPORT, FALL 1972
DEPARTMENTAL DATA SHEET

5. Full-time graduate science students enrolled for advanced degrees (M.S. and Ph.D.) receiving support of $1,200 or more in Fall 1972.

TYPES OF SUPPORT		U.S. GOVERNMENT (EXCLUDING LOANS)										NON–U.S. GOVERNMENT					ALL SOURCES		
		AEC	VA (G.I.[a] Bill)	DOD	HEW: NDEA	HEW: PHS (NIH)	HEW: OTHER HEW	NASA	NSF	Other U.S. Government	Total U.S. Government	Institutional support[a]	Self, loans, and family	Other U.S. Sources[b]	Foreign sources	Total U.S. Government	Total	First year	Beyond first
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j) (a–i)	(k)	(l)	(m)	(n)	(k–n) (o)	(j and o) (p)	(q)	(r)
Fellowships and Traineeships	United States 1	1		1	12	7	1	1	9	89	121	11		25		36	157	120	37
	Foreign 2									16	16	6		1	8	15	31	13	18
Graduate Research Assistantships	United States 3	7		30		2	6	1	45	52	143	92		31		123	266	176	90
	Foreign 4			8		2	2	1	4	31	46	49		6		55	101	50	51
Other Than Above	United States 5								4	2	6	334		1		335	341	214	127
	Foreign 6											68				68	68	28	40
Other Than Above	United States 7	1	26	116						24	167	35	409	23		467	634	382	252
	Foreign 8	1								8	9	10	353	4	31	398	407	193	214
TOTALS	9	10	26	155	12	9	9	3	62	222	508	605	762	91	39	1,497	2,005	1,176	829
	Men 10	9	26	154	12	7	9	3	61	214	495	574	712	85	38	1,409	1,904	1,117	787
	Women 11	1		1		2			1	8	13	31	50	6	1	88	101	59	42
Total	United States 12	9	26	147	12	9	7	2	58	167	437	472	409	80		961	1,398	892	506
Total	Foreign 13	1		8			2	1	4	55	71	133	353	11	39	536	607	284	323
6. Full-time graduate science students enrolled for advanced degrees in this department as of Fall 1971; complete columns (j), (o), (p), (q), and (r);											474					1,559	2,033	1,196	837

7. Part-time graduate science students enrolled for advanced degrees (do not include "special" students):

First

FALL 1971			FALL 1972		
First Year	Beyond First	Total	First Year	Beyond First	Total
(a)	(b)	(c)	(d)	(e)	(f)
1,600	1,454	3,054	1,560	1,416	2,976

8. Postdoctorals and/or Research Associates:

FALL 1971		FALL 1972	
Total	Recent Doctorals (since 1967)	Total	Recent Doctorals (since 1968)
(a)	(b)	(c)	(d)
6	4	11	6

[a] Include institutions and State and local governments. [b] Include support from nonprofit institutions, industry, and all other U.S. sources.

NATIONAL SCIENCE FOUNDATION
SURVEY OF GRADUATE SCIENCE STUDENT SUPPORT, FALL 1972
DEPARTMENTAL DATA SHEET

Table F-3
SUMMARY OF RESPONSES FROM
121 MASTER'S DEPARTMENTS
IN THE PHYSICAL SCIENCES

5. Full-time graduate science students enrolled for advanced degrees (M.S. and Ph.D.) receiving support of $1,200 or more in Fall 1972.

TYPES OF SUPPORT		U.S. GOVERNMENT (EXCLUDING LOANS)										NON–U.S. GOVERNMENT					ALL SOURCES		
					HEW														
		AEC (a)	VA (G.I.* Bill) (b)	DOD (c)	NDEA (d)	PHS (NIH) (e)	OTHER HEW (f)	NASA (g)	NSF (h)	Other U.S. Government (i)	Total U.S. Government (j) (a–i)	Institutional support[a] (k)	Self, loans, and family (l)	Other U.S. Sources[b] (m)	Foreign sources (n)	Total U.S. Government (k–n) (o)	Total (j and o) (p)	First year (q)	Beyond first (r)
Fellowships and Traineeships	United States 1				2	9	1		11	10	33	15		9		24	57	31	26
	Foreign 2											5		3	10	18	18	12	6
Graduate Research Assistantships	United States 3	4		11		5		4	12	58	94	116		43		159	253	108	145
	Foreign 4			2		3			5	5	15	12		3		15	30	11	19
Other Than Above	United States 5								5	5	10	579		1		580	590	293	297
	Foreign 6								1		1	95				95	96	40	56
Other Than Above	United States 7	1	31	2					1	1	36	16	193	62		271	307	182	125
	Foreign 8									2	2	10	28	3	10	51	53	28	25
TOTALS	9	5	31	15	2	17	1	4	35	81	191	848	221	124	20	1,213	1,404	705	699
	Men 10	5	28	13	2	15		4	29	77	173	716	190	107	19	1,032	1,205	604	601
	Women 11		3	2		2	1		6	4	18	132	31	17	1	181	199	101	98
Total	United States 12	5	31	13	2	14	1	4	29	74	173	726	193	115		1,034	1,207	614	593
Total	Foreign 13			2		3			6	7	18	122	28	9	20	179	197	91	106
6. Full-time graduate science students enrolled for advanced degrees in this department as of Fall 1971; complete columns (j), (o), (p), (q), and (r);											176					1,165	1,341	680	661

7. Part-time graduate science students enrolled for advanced degrees (do not include "special" students):

FALL 1971			FALL 1972		
First Year	Beyond First	Total	First Year	Beyond First	Total
(a)	(b)	(c)	(d)	(e)	(f)
221	281	502	257	331	588

8. Postdoctorals and/or Research Associates:

FALL 1971		FALL 1972	
Total	Recent Doctorals (since 1967)	Total	Recent Doctorals (since 1968)
(a)	(b)	(c)	(d)
20	11	22	9

[a] Include institutions and State and local governments. [b] Include support from nonprofit institutions, industry, and all other U.S. sources.

NATIONAL SCIENCE FOUNDATION
SURVEY OF GRADUATE SCIENCE STUDENT SUPPORT, FALL 1972
DEPARTMENTAL DATA SHEET

Table F-4
SUMMARY OF RESPONSES FROM 79 MASTER'S DEPARTMENTS IN THE MATHEMATICAL SCIENCES

5. Full-time graduate science students enrolled for advanced degrees (M.S. and Ph.D.) receiving support of $1,200 or more in Fall 1972.

TYPES OF SUPPORT		U.S. GOVERNMENT (EXCLUDING LOANS)										NON–U.S. GOVERNMENT					ALL SOURCES		
		AEC	VA (G.I.[a] Bill)	DOD	HEW: NDEA	HEW: PHS (NIH)	HEW: OTHER HEW	NASA	NSF	Other U.S. Government	Total U.S. Government	Institutional support[a]	Self, loans, and family	Other U.S. Sources[b]	Foreign sources	Total U.S. Government	Total	First year	Beyond first
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j) (a–i)	(k)	(l)	(m)	(n)	(k–n) (o)	(j and o) (p)	(q)	(r)
Fellowships and Traineeships	United States 1					5	3		3		11	13		5		18	29	15	14
	Foreign 2											1			3	4	4	1	3
Graduate Research Assistantships	United States 3								3	4	7	37				37	44	23	21
	Foreign 4											8				8	8	3	5
Other Than Above	United States 5						2		10	2	14	504		3		507	521	333	188
	Foreign 6								3		3	28				28	31	23	8
Other Than Above	United States 7		15	53						3	71	29	234	28		291	362	184	178
	Foreign 8			5							5	6	53	5	1	65	70	29	41
TOTALS	9		15	58		5	5		19	9	111	626	287	41	4	958	1,069	611	458
	Men 10		15	58		4	2		16	8	103	441	239	37	3	720	823	461	362
	Women 11					1	3		3	1	8	185	48	4	1	238	246	150	96
Total	United States 12		15	53		5	5		16	9	103	583	234	36		853	956	555	401
Total	Foreign 13			5					3		8	43	53	5	4	105	113	56	57
6. Full-time graduate science students enrolled for advanced degrees in this department as of Fall 1971; complete columns (j), (o), (p), (q), and (r);											94					906	1,000	651	349

7. Part-time graduate science students enrolled for advanced degrees (do not include "special" students):

FALL 1971			FALL 1972		
First Year	Beyond First	Total	First Year	Beyond First	Total
(a)	(b)	(c)	(d)	(e)	(f)
695	526	1,221	756	565	1,321

8. Postdoctorals and/or Research Associates:

FALL 1971		FALL 1972	
Total	Recent Doctorals (since 1967)	Total	Recent Doctorals (since 1968)
(a)	(b)	(c)	(d)
0	0	2	1

[a] Include institutions and State and local governments.

[b] Include support from nonprofit institutions, industry, and all other U.S. sources.

NATIONAL SCIENCE FOUNDATION
SURVEY OF GRADUATE SCIENCE STUDENT SUPPORT, FALL 1972
DEPARTMENTAL DATA SHEET

Table F-5
SUMMARY OF RESPONSES FROM 180 MASTER'S DEPARTMENTS IN THE LIFE SCIENCES

5. Full-time graduate science students enrolled for advanced degrees (M.S. and Ph.D.) receiving support of $1,200 or more in Fall 1972.

TYPES OF SUPPORT		U.S. GOVERNMENT (EXCLUDING LOANS)			HEW							NON–U.S. GOVERNMENT					ALL SOURCES		
		AEC (a)	VA (G.I.[a] Bill) (b)	DOD (c)	NDEA (d)	PHS (NIH) (e)	OTHER HEW (f)	NASA (g)	NSF (h)	Other U.S. Government (i)	Total U.S. Government (j) (a–i)	Institutional support[a] (k)	Self, loans, and family (l)	Other U.S. Sources[b] (m)	Foreign sources (n)	Total U.S. Government (k–n) (o)	Total (j and o) (p)	First year (q)	Beyond first (r)
Fellowships and Traineeships	United States 1	2		1		250	38		28	18	337	55		23	2	80	417	225	192
	Foreign 2					9				11	20	4		7	59	70	90	48	42
Graduate Research Assistantships	United States 3	2		1		21	3	3	15	113	158	235		31		266	424	210	214
	Foreign 4					2	1		4	15	22	27		5	4	36	58	18	40
Other Than Above	United States 5					2	3		2	8	15	443		8		451	466	229	237
	Foreign 6					2				1	3	31		1		32	35	18	17
Other Than Above	United States 7	1	22			3		1		4	31	93	634	33		760	791	413	378
	Foreign 8									7	7	10	50	11	31	102	109	63	46
TOTALS	9	5	22	2		289	45	4	49	177	593	898	684	119	96	1,797	2,390	1,224	1,166
	Men 10	4	21	2		131	35	2	42	157	394	695	441	82	88	1,306	1,700	877	823
	Women 11	1	1			158	10	2	7	20	199	203	243	37	8	491	690	347	343
Total	United States 12	5	22	2		276	44	4	45	143	541	826	634	95	2	1,557	2,098	1,077	1,021
Total	Foreign 13					13	1		4	34	52	72	50	24	94	240	292	147	145
6. Full-time graduate science students enrolled for advanced degrees in this department as of Fall 1971† complete columns (j), (o), (p), (q), and (r):											597					1,647	2,244	1,138	1,106

7. Part-time graduate science students enrolled for advanced degrees (do not include "special" students):

FALL 1971			FALL 1972		
First Year (a)	Beyond First (b)	Total (c)	First Year (d)	Beyond First (e)	Total (f)
422	461	883	441	544	985

8. Postdoctorals and/or Research Associates:

FALL 1971		FALL 1972	
Total (a)	Recent Doctorals (since 1967) (b)	Total (c)	Recent Doctorals (since 1968) (d)
97	56	119	68

[a] Include institutions and State and local governments. [b] Include support from nonprofit institutions, industry, and all other U.S. sources.

NATIONAL SCIENCE FOUNDATION
SURVEY OF GRADUATE SCIENCE STUDENT SUPPORT, FALL 1972
DEPARTMENTAL DATA SHEET

Table F-6

SUMMARY OF RESPONSES FROM 32 MASTER'S DEPARTMENTS IN PSYCHOLOGY

5. Full-time graduate science students enrolled for advanced degrees (M.S. and Ph.D.) receiving support of $1,200 or more in Fall 1972.

TYPES OF SUPPORT		U.S. GOVERNMENT (EXCLUDING LOANS)										NON–U.S. GOVERNMENT					ALL SOURCES		
		AEC	VA (G.I. Bill)	DOD	HEW: NDEA	HEW: PHS (NIH)	HEW: OTHER HEW	NASA	NSF	Other U.S. Government	Total U.S. Government	Institutional support[a]	Self, loans, and family	Other U.S. Sources[b]	Foreign sources	Total U.S. Government	Total	First year	Beyond first
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j) (a–i)	(k)	(l)	(m)	(n)	(o) (k–n)	(p) (j and o)	(q)	(r)
Fellowships and Traineeships	United States 1					3			3	4	10	16		1		17	27	23	4
	Foreign 2									1	1	7			4	11	12	10	2
Graduate Research Assistantships	United States 3					9	6	1	2	5	23	60		4		64	87	53	34
	Foreign 4					1					1	2				2	3		3
Other Than Above	United States 5											142				142	142	87	55
	Foreign 6											4				4	4	2	2
Other Than Above	United States 7		34								34	17	527	11		555	589	324	265
	Foreign 8											1	10			11	11	7	4
TOTALS	9		34			13	6	1	5	10	69	249	537	16	4	806	875	506	369
	Men 10		34			6	4	1	2	7	54	158	288	4	2	452	506	286	220
	Women 11					7	2		3	3	15	91	249	12	2	354	369	220	149
Total	United States 12		34			12	6	1	5	9	67	235	527	16		778	845	487	358
Total	Foreign 13					1				1	2	14	10		4	28	30	19	11
6. Full-time graduate science students enrolled for advanced degrees in this department as of Fall 1971; complete columns (j), (o), (p), (q), and (r);											118					793	911	570	341

7. Part-time graduate science students enrolled for advanced degrees (do not include "special" students):

FALL 1971			FALL 1972		
First Year	Beyond First	Total	First Year	Beyond First	Total
(a)	(b)	(c)	(d)	(e)	(f)
94	97	191	146	130	276

8. Postdoctorals and/or Research Associates:

FALL 1971		FALL 1972	
Total	Recent Doctorals (since 1967)	Total	Recent Doctorals (since 1968)
(a)	(b)	(c)	(d)
22	18	28	20

[a] Include institutions and State and local governments.
[b] Include support from nonprofit institutions, industry, and all other U.S. sources.

NATIONAL SCIENCE FOUNDATION
SURVEY OF GRADUATE SCIENCE STUDENT SUPPORT, FALL 1972
DEPARTMENTAL DATA SHEET

Table F-7
SUMMARY OF RESPONSES FROM
243 MASTER'S DEPARTMENTS
IN THE SOCIAL SCIENCES

5. Full-time graduate science students enrolled for advanced degrees (M.S. and Ph.D.) receiving support of $1,200 or more in Fall 1972.

TYPES OF SUPPORT		U.S. GOVERNMENT (EXCLUDING LOANS)										NON–U.S. GOVERNMENT					ALL SOURCES		
					HEW														
		AEC	VA (G.I.[a] Bill)	DOD	NDEA	PHS (NIH)	OTHER HEW	NASA	NSF	Other U.S. Government	Total U.S. Government	Institutional support[a]	Self, loans, and family	Other U.S. Sources[b]	Foreign sources	Total U.S. Government	Total	First year	Beyond first
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j) (a–i)	(k)	(l)	(m)	(n)	(k–n) (o)	(j and o) (p)	(q)	(r)
Fellowships and Traineeships	United States 1			4	7	26	51		12	66	166	142		30		172	338	190	148
	Foreign 2									5	5	15		6	12	33	38	12	26
Graduate Research Assistantships	United States 3					6	18	2	46	86	158	332		10		342	500	333	167
	Foreign 4			2					2	2	6	29			1	30	36	18	18
Other Than Above	United States 5					1	4			3	8	741		1		742	750	427	323
	Foreign 6											73		7		80	80	37	43
Other Than Above	United States 7		59	15			3			17	94	125	1,434	60		1,619	1,713	1,063	650
	Foreign 8									17	17	10	126	3	38	177	194	105	89
TOTALS	9		59	21	7	33	76	2	60	196	454	1,467	1,560	117	51	3,195	3,649	2,185	1,464
	Men 10		59	19	3	17	35	2	48	160	343	1,042	i,128	94	41	2,305	2,648	1,611	1,037
	Women 11			2	4	1R	41		12	36	111	425	432	23	10	890	1,001	574	427
Total	United States 12			19	7	33	76	2	58	172	426	1,340	1,434	101		2,875	3,301	2,013	1,288
Total	Foreign 13			2					2	24	28	127	126	16	51	320	348	172	176
6. Full-time graduate science students enrolled for advanced degrees in this department as of Fall 1971; complete columns (j), (o), (p), (q), and (r);											5/9					3,203	3,782	2,377	1,405

7. Part-time graduate science students enrolled for advanced degrees (do not include "spec.al" students):

FALL 1971			FALL 1972		
First Year	Beyond First	Total	First Year	Beyond First	Total
(a)	(b)	(c)	(d)	(e)	(f)
1,203	1,130	2,333	1,378	1,268	2,646

8. Postdoctorals and/or Research Associates:

FALL 1971		FALL 1972	
Total	Recent Doctorals (since 1967)	Total	Recent Doctorals (since 1968)
(a)	(b)	(c)	(d)
1	0	4	2

[a] Include Institutions and State and local governments. [b] Include support from nonprofit institutions, industry, and all other U.S. sources.

NATIONAL SCIENCE FOUNDATION
SURVEY OF GRADUATE SCIENCE STUDENT SUPPORT, FALL 1972
DEPARTMENTAL DATA SHEET

Table G-1

SUMMARY OF RESPONSES FROM DOCTORATE DEPARTMENTS

5. Full-time graduate science students enrolled for advanced degrees (M.S. and Ph.D.) receiving support of $1,200 or more in Fall 1972.

TYPES OF SUPPORT		U.S. GOVERNMENT (EXCLUDING LOANS)										NON–U.S. GOVERNMENT					ALL SOURCES		
		AEC	VA (G.I. Bill)	DOD	HEW: NDEA	HEW: PHS (NIH)	HEW: OTHER HEW	NASA	NSF	Other U.S. Government	Total U.S. Government	Institutional support[a]	Self, loans, and family	Other U.S. Sources[b]	Foreign sources	Total U.S. Government	Total	First year	Beyond first
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j) (a–i)	(k)	(l)	(m)	(n)	(o) (k–n)	(p) (j and o)	(q)	(r)
Fellowships and Traineeships	United States 1	227		202	2,986	9,576	1,017	72	3,411	2,108	19,599	6,443		2,697	67	9,207	28,806	8,124	20,682
	Foreign 2			13	16	181	31	27		559	827	1,458		785	1,626	3,869	4,696	1,583	3,113
Graduate Research Assistantships	United States 3	1,134		1,708	54	2,577	351	823	4,669	2,955	14,271	7,539		1,977		9,516	23,787	5,835	17,952
	Foreign 4	375		907	2	770	71	324	1,994	1,094	5,537	2,267		672	126	3,065	8,602	1,557	7,045
Other Than Above	United States 5					99	14		89	95	297	30,647		158		30,805	31,102	9,645	21,457
	Foreign 6					32	5		19	18	74	6,386		37		6,423	6,497	1,508	4,989
Other Than Above	United States 7	43	744	1,779	25	122	33	26	192	992	3,956	2,627	28,099	2,649		33,375	37,331	14,874	22,457
	Foreign 8	5		162		21	5	1	45	229	468	517	6,498	374	1,259	8,648	9,116	3,881	5,235
TOTALS	9	1,784	744	4,771	3,083	13,378	1,527	1,273	10,419	8,050	45,029	57,884	34,597	9,349	3,078	104,908	149,937	47,007	102,930
	Men 10	1,681	720	4,634	2,458	9,748	975	1,225	9,192	7,100	37,733	47,510	27,357	7,940	2,805	85,612	123,345	37,851	85,494
	Women 11	103	24	137	625	3,630	552	48	1,227	950	7,296	10,374	7,240	1,409	273	19,296	26,592	9,156	17,436
Total	United States 12	1,404	744	3,689	3,065	12,374	1,415	921	8,361	6,150	38,123	47,256	28,099	7,481	67	82,903	121,026	38,478	82,548
Total	Foreign 13	380		1,082	18	1,004	112	352	2,058	1,900	6,906	10,628	6,498	1,868	3,011	22,005	28,911	8,529	20,382
6. Full-time graduate science students enrolled for advanced degrees in this department as of Fall 1971; complete columns (j), (o), (p), (q), and (r):											49,916					103,537	153,453	48,728	104,725

7. Part-time graduate science students enrolled for advanced degrees (do not include "special" students):

FALL 1971			FALL 1972		
First Year	Beyond First	Total	First Year	Beyond First	Total
(a)	(b)	(c)	(d)	(e)	(f)
14,016	27,716	41,732	13,185	27,589	40,774

8. Postdoctorals and/or Research Associates:

FALL 1971		FALL 1972	
Total	Recent Doctorals (since 1967)	Total	Recent Doctorals (since 1968)
(a)	(b)	(c)	(d)
12,506	9,030	13,557	9,798

[a] Include institutions and State and local governments.
[b] Include support from nonprofit institutions, industry, and all other U.S. sources.

NATIONAL SCIENCE FOUNDATION
SURVEY OF GRADUATE SCIENCE STUDENT SUPPORT, FALL 1972
DEPARTMENTAL DATA SHEET

Table G-2
SUMMARY OF RESPONSES FROM 709 DOCTORATE DEPARTMENTS IN ENGINEERING

5. Full-time graduate science students enrolled for advanced degrees (M.S. and Ph.D.) receiving support of $1,200 or more in Fall 1972.

TYPES OF SUPPORT		U.S. GOVERNMENT (EXCLUDING LOANS) AEC (a)	VA (G.I.* Bill) (b)	DOD (c)	HEW NDEA (d)	HEW PHS (NIH) (e)	HEW OTHER HEW (f)	NASA (g)	NSF (h)	Other U.S. Government (i)	Total U.S. Government (j) (a–i)	NON–U.S. GOVERNMENT Institutional support[a] (k)	Self, loans, and family (l)	Other U.S. Sources[b] (m)	Foreign sources (n)	Total U.S. Government (k–n) (o)	ALL SOURCES Total (j and o) (p)	First year (q)	Beyond first (r)
Fellowships and Traineeships	United States 1	153		69	396	550	142	38	642	656	2,646	788		769	7	1,56[illegible]	4,210	1,842	2,368
	Foreign 2			10	4	22	7	17		71	131	369		181	463	1,013	1,144	434	710
Graduate Research Assistantships	United States 3	206		933	13	225	50	327	1,001	744	3,499	1,303		614		1,917	5,416	1,869	3,547
	Foreign 4	137		682	1	132	29	231	1,006	538	2,756	904		352	16	1,272	4,028	846	3,182
Other Than Above	United States 5					3			11	31	45	2,850		26		2,876	2,921	1,264	1,657
	Foreign 6					3			5	14	22	1,565		9		1,574	1,596	400	1,196
Other Than Above	United States 7	29	127	1,234		7	2	9	9	502	1,919	392	4,474	835		5,701	7,620	3,673	3,947
	Foreign 8			146		3			19	60	228	170	2,915	126	534	3,745	3,973	1,910	2,063
TOTALS	9	525	127	3,074	414	945	230	622	2,693	2,616	11,246	8,341	7,389	2,912	1,020	19, 662	30,908	12,238	18,670
	Men 10	508	126	3,041	403	904	221	615	2,615	2, 554	10,987	8,095	7,193	2,845	99[illegible]	19,125	30,112	11,880	18,232
	Women 11	17	1	33	11	41	9	7	78	62	259	246	196	67	28	537	796	358	438
Total	United States 12	388	127	2,236	409	785	194	374	1,663	1,933	8,109	5,333	4,474	2,244	7	12,058	20,167	8,648	11,519
Total	Foreign 13	137		838	5	160	36	248	1,030	683	3,137	3,008	2,915	668	1,013	7,604	10,741	3,590	7,151
6. Full-time graduate science students enrolled for advanced degrees in this department as of Fall 1971; complete columns (j), (o), (p), (q), and (r);											12,395					20,002	32,397	12,709	19,688

7. Part-time graduate science students enrolled for advanced degrees (do not include "special" students):

FALL 1971 First Year (a)	FALL 1971 Beyond First (b)	FALL 1971 Total (c)	FALL 1972 First Year (d)	FALL 1972 Beyond First (e)	FALL 1972 Total (f)
6,917	10,003	16,920	6,170	9,565	15,735

8. Postdoctorals and/or Research Associates:

FALL 1971 Total (a)	FALL 1971 Recent Doctorals (since 1967) (b)	FALL 1972 Total (c)	FALL 1972 Recent Doctorals (since 1968) (d)
974	656	1,053	741

[a] Include institutions and State and local governments. [b] Include support from nonprofit institutions, industry, and all other U.S. sources.

NATIONAL SCIENCE FOUNDATION
SURVEY OF GRADUATE SCIENCE STUDENT SUPPORT, FALL 1972
DEPARTMENTAL DATA SHEET

Table G-3
SUMMARY OF RESPONSES FROM 562 DOCTORATE DEPARTMENTS IN THE PHYSICAL SCIENCES

5. Full-time graduate science students enrolled for advanced degrees (M.S. and Ph.D.) receiving support of $1,200 or more in Fall 1972.

TYPES OF SUPPORT		U.S. GOVERNMENT (EXCLUDING LOANS)			HEW							NON–U.S. GOVERNMENT					ALL SOURCES		
		AEC (a)	VA (G.I.[a] Bill) (b)	DOD (c)	NDEA (d)	PHS (NIH) (e)	OTHER HEW (f)	NASA (g)	NSF (h)	Other U.S. Government (i)	Total U.S. Government (j) (a–i)	Institutional support[a] (k)	Self, loans, and family (l)	Other U.S. Sources[b] (m)	Foreign sources (n)	Total U.S. Government (k–n) (o)	Total (j and o) (p)	First year (q)	Beyond first (r)
Fellowships and Traineeships	United States 1	30		50	584	323	21	11	895	140	2,054	1,009		429	7	1,445	3,499	783	2,716
	Foreign 2			1	3	9	3	8		28	52	242		105	206	553	605	166	439
Graduate Research Assistantships	United States 3	826		557	11	609	14	419	2,482	547	5,465	890		391		1,281	6,746	768	5,978
	Foreign 4	212		145		187		78	656	138	1,416	287		88	26	401	1,817	171	1,646
Other Than Above	United States 5					5	2		33	2	42	8,322		32		8,354	8,396	2,917	5,479
	Foreign 6					1			7		8	2,291		9		2,300	2,308	637	1,671
Other Than Above	United States 7	5	99	337		2	8	10	33	123	617	235	2,408	172		2,815	3,432	1,214	2,218
	Foreign 8	2		13		1			4	13	33	73	484	35	116	708	741	296	445
TOTALS	9	1,075	99	1,103	598	1,137	48	526	4,110	991	9,687	13,349	2,892	1,261	355	17,857	27,544	6,952	20,592
	Men 10	1,023	96	1,053	521	959	43	498	3,764	907	8,864	11,710	2,554	1,125	329	15,718	24,582	5,983	18,599
	Women 11	52	3	50	77	178	5	28	346	84	823	1,639	338	136	26	2,139	2,962	969	1,993
Total	United States 12	861	99	944	595	939	45	440	3,443	812	8,178	10,456	2,408	1,024	7	13,895	22,073	5,682	16,391
Total	Foreign 13	214		159	3	198	3	86	667	179	1,509	2,893	484	237	348	3,962	5,471	1,270	4,201
6. Full-time graduate science students enrolled for advanced degrees in this department as of Fall 1971; complete columns (j), (o), (p), (q), and (r):											11,165					17,899	29,064	7,401	21,663

7. Part-time graduate science students enrolled for advanced degrees (do not include "special" students):

FALL 1971			FALL 1972		
First Year	Beyond First	Total	First Year	Beyond First	Total
(a)	(b)	(c)	(d)	(e)	(f)
876	2,761	3,637	792	2,836	3,628

8. Postdoctorals and/or Research Associates:

FALL 1971		FALL 1972	
Total	Recent Doctorals (since 1967)	Total	Recent Doctorals (since 1968)
(a)	(b)	(c)	(d)
4,022	3,209	4,320	3,472

[a] Include institutions and State and local governments. [b] Include support from nonprofit institutions, industry, and all other U.S. sources.

NATIONAL SCIENCE FOUNDATION
SURVEY OF GRADUATE SCIENCE STUDENT SUPPORT, FALL 1972
DEPARTMENTAL DATA SHEET

Table G-4
SUMMARY OF RESPONSES FROM
241 DOCTORATE DEPARTMENTS
IN THE MATHEMATICAL SCIENCES

5. Full-time graduate science students enrolled for advanced degrees (M.S. and Ph.D.) receiving support of $1,200 or more in Fall 1972.

TYPES OF SUPPORT		U.S. GOVERNMENT (EXCLUDING LOANS)			HEW							NON–U.S. GOVERNMENT					ALL SOURCES		
		AEC	VA (G.I.* Bill)	DOD	NDEA	PHS (NIH)	OTHER HEW	NASA	NSF	Other U.S. Govern-ment	Total U.S. Govern-ment	Insti-tutional support[a]	Self, loans, and family	Other U.S. Sources[b]	Foreign sources	Total U.S. Govern-ment	Total	First year	Beyond first
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j) (a–i)	(k)	(l)	(m)	(n)	(k–n) (o)	(j and o) (p)	(q)	(r)
Fellowships and Traineeships	United States 1			5	203	111	36	4	438	32	829	461		119	5	585	1,414	434	980
	Foreign 2			1	1	3		1		13	19	107		31	106	244	263	91	172
Graduate Research Assistantships	United States 3	38		138	2	29	4	6	273	55	545	287		32		319	864	243	621
	Foreign 4	11		62		3	1	4	130	29	240	80		1	6	87	327	47	280
Other Than Above	United States 5								22	8	30	4,454		12		4,466	4,496	1,356	3,140
	Foreign 6					1			5		6	927		6		933	939	161	778
Other Than Above	United States 7	2	37	42		1		3	84	52	221	177	2,302	164		2,643	2,864	1,176	1,688
	Foreign 8	1		1					9	7	18	50	574	24	76	724	742	284	458
TOTALS	9	52	37	249	206	148	41	18	961	196	1,908	6,543	2,876	389	193	10,001	11,909	3,792	8,117
	Men 10	46	37	225	173	110	30	17	840	171	1,649	5,350	2,289	313	171	8,123	9,772	2,930	6,842
	Women 11	6		24	33	38	11	1	121	25	259	1,193	587	76	22	1,878	2,137	862	1,275
Total	United States 12	40	37	185	205	141	40	13	817	147	1,625	5,379	2,302	327	5	8,013	9,638	3,209	6,429
Total	Foreign 13	12		64	1	7	1	5	144	49	283	1,164	574	62	188	1,988	2,271	583	1,688
6. Full-time graduate science students enrolled for advanced degrees in this department as of Fall 1971; complete columns (j), (o), (p), (q), and (r);											2,427					10,066	12,493	4,152	8,341

7. Part-time graduate science students enrolled for advanced degrees (do not include "special" students):

FALL 1971			FALL 1972		
First Year	Beyond First	Total	First Year	Beyond First	Total
(a)	(b)	(c)	(d)	(e)	(f)
1,552	2,261	3,813	1,521	2,188	3,709

8. Postdoctorals and/or Research Associates:

FALL 1971		FALL 1972	
Total	Recent Doctorals (since 1967)	Total	Recent Doctorals (since 1968)
(a)	(b)	(c)	(d)
261	153	226	119

[a] Include institutions and State and local governments.

[b] Include support from nonprofit institutions, industry, and all other U.S. sources.

NATIONAL SCIENCE FOUNDATION
SURVEY OF GRADUATE SCIENCE STUDENT SUPPORT, FALL 1972
DEPARTMENTAL DATA SHEET

Table G-5
SUMMARY OF RESPONSES FROM
1,501 DOCTORATE DEPARTMENTS
IN THE LIFE SCIENCES

5. Full-time graduate science students enrolled for advanced degrees (M.S. and Ph.D.) receiving support of $1,200 or more in Fall 1972.

TYPES OF SUPPORT		U.S. GOVERNMENT (EXCLUDING LOANS)			HEW							NON–U.S. GOVERNMENT					ALL SOURCES		
		AEC (a)	VA (G.I.* Bill) (b)	DOD (c)	NDEA (d)	PHS (NIH) (e)	OTHER HEW (f)	NASA (g)	NSF (h)	Other U.S. Government (i)	Total U.S. Government (j) (a–i)	Institutional support[a] (k)	Self, loans, and family (l)	Other U.S. Sources[b] (m)	Foreign sources (n)	Total U.S. Government (k–n) (o)	Total (j and o) (p)	First year (q)	Beyond first (r)
Fellowships and Traineeships	United States 1	44		21	575	5,275	275	12	656	299	7,157	1,223		413	9	1,645	8,802	2,042	6,760
	Foreign 2				2	119	2			168	291	319		175	383	877	1,168	375	793
Graduate Research Assistantships	United States 3	63		19	25	1,130	64	54	498	1,154	3,007	2,819		687		3,506	6,513	1,713	4,800
	Foreign 4	15		8	1	384	19	7	104	284	822	640		179	70	889	1,711	332	1,379
Other Than Above	United States 5					82	5		5	19	111	6,414		40		6,454	6,565	2,043	4,522
	Foreign 6					26	5		1	2	34	709		11		720	754	139	615
Other Than Above	United States 7	7	194	10	14	91	9	2	37	108	472	649	5,511	359		6,519	6,991	2,927	4,064
	Foreign 8	2		2		15	3	1	6	114	143	119	868	105	344	1,436	1,579	592	987
TOTALS	9	131	194	60	617	7,122	382	76	1,307	2,148	12,03[illegible]	12,892	6,379	1,969	806	22,046	34,083	10,163	23,920
	Men 10	104	192	52	448	5,216	249	70	983	1,882	9,196	10,058	4,813	1,589	726	17,186	26,382	7,502	18,880
	Women 11	27	2	8	169	1,906	133	6	324	266	2,841	2,834	1,566	380	80	4,860	7,701	2,661	5,040
Total	United States 12	114	194	50	614	6,578	353	68	1,196	1,580	10,747	11,105	5,511	1,499	9	18,124	28,871	8,725	20,146
Total	Foreign 13	17		10	3	544	29	8	111	568	1,290	1,787	868	470	797	3,922	5,212	1,438	3,774
6. Full-time graduate science students enrolled for advanced degrees in this department as of Fall 1971; complete columns (j), (o), (p), (q), and (r);											12,850					21,095	33,945	9,881	24,064

7. Part-time graduate science students enrolled for advanced degrees (do not include "special" students):

FALL 1971			FALL 1972		
First Year	Beyond First	Total	First Year	Beyond First	Total
(a)	(b)	(c)	(d)	(e)	(f)
1,153	3,241	4,394	1,430	3,276	4,706

8. Postdoctorals and/or Research Associates:

FALL 1971		FALL 1972	
Total	Recent Doctorals (since 1967)	Total	Recent Doctorals (since 1968)
(a)	(b)	(c)	(d)
6,505	4,564	7,106	4,915

[a] Include institutions and State and local governments. [b] Include support from nonprofit institutions, industry, and all other U.S. sources.

NATIONAL SCIENCE FOUNDATION
SURVEY OF GRADUATE SCIENCE STUDENT SUPPORT, FALL 1972
DEPARTMENTAL DATA SHEET

Table G-6
SUMMARY OF RESPONSES FROM 187 DOCTORATE DEPARTMENTS IN PSYCHOLOGY

5. Full-time graduate science students enrolled for advanced degrees (M.S. and Ph.D.) receiving support of $1,200 or more in Fall 1972.

TYPES OF SUPPORT		U.S. GOVERNMENT (EXCLUDING LOANS)			HEW							NON–U.S. GOVERNMENT					ALL SOURCES		
		AEC	VA (G.I.* Bill)	DOD	NDEA	PHS (NIH)	OTHER HEW	NASA	NSF	Other U.S. Government	Total U.S. Government	Institutional support[a]	Self, loans, and family	Other U.S. Sources[b]	Foreign sources	Total U.S. Government	Total	First year	Beyond first
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j) (a–i)	(k)	(l)	(m)	(n)	(k–n) (o)	(j and o) (p)	(q)	(r)
Fellowships and Traineeships	United States 1			18	237	2,212	220	3	229	512	3,431	757		186	5	948	4,379	1,207	3,172
	Foreign 2				1	10	3	1		14	29	30		16	30	76	105	31	74
Graduate Research Assistantships	United States 3	1		45	2	491	137	8	183	58	925	567		104		671	1,596	452	1,144
	Foreign 4			4		43	7	1	17	1	73	18		10	1	29	102	15	87
Other Than Above	United States 5					6	2		15		23	2,845		28		2,873	2,896	721	2,175
	Foreign 6											128		1		129	129	25	104
Other Than Above	United States 7		68	14	4	12	3		4	99	204	628	3,533	564		4,725	4,929	1,469	3,460
	Foreign 8					1			4	1	6	16	105	6	13	140	146	40	106
TOTALS	9	1	68	81	244	2,775	372	13	452	685	4,691	4,989	3,638	915	49	9,591	14,282	3,960	10,322
	Men 10		61	67	164	1,754	217	11	313	487	3,074	3,316	2,212	630	32	6,190	9,264	2,430	6,834
	Women 11	1	7	14	80	1,021	155	2	139	198	1,617	1,673	1,426	285	17	3,401	5,018	1,530	3,488
Total	United States 12	1	68	77	243	2,721	362	11	431	669	4,583	4,797	3,533	88[illegible]	5	9,217	13,800	3,849	9,951
Total	Foreign 13			4	1	54	10	2	21	16	108	192	105	3[illegible]	44	374	482	111	371
6. Full-time graduate science students enrolled for advanced degrees in this department as of Fall 1971; complete columns (j), (o), (p), (q), and (r):											4,977					9,107	14,084	3,960	10,124

7. Part-time graduate science students enrolled for advanced degrees (do not include "special" students):

FALL 1971			FALL 1972		
First Year	Beyond First	Total	First Year	Beyond First	Total
(a)	(b)	(c)	(d)	(e)	(f)
770	2,111	2,881	464	1,944	2,408

8. Postdoctorals and/or Research Associates:

FALL 1971		FALL 1972	
Total	Recent Doctorals (since 1967)	Total	Recent Doctorals (since 1968)
(a)	(b)	(c)	(d)
464	293	461	304

[a] Include institutions and State and local governments.

[b] Include support from nonprofit institutions, industry, and all other U.S. sources.

NATIONAL SCIENCE FOUNDATION
SURVEY OF GRADUATE SCIENCE STUDENT SUPPORT, FALL 1972
DEPARTMENTAL DATA SHEET

Table G-7
SUMMARY OF RESPONSES FROM 611 DOCTORATE DEPARTMENTS IN THE SOCIAL SCIENCES

5. Full-time graduate science students enrolled for advanced degrees (M.S. and Ph.D.) receiving support of $1,200 or more in Fall 1972

TYPES OF SUPPORT		U.S. GOVERNMENT (EXCLUDING LOANS)			HEW							NON–U.S. GOVERNMENT					ALL SOURCES		
		AEC (a)	VA (G.I.* Bill) (b)	DOD (c)	NDEA (d)	PHS (NIH) (e)	OTHER HEW (f)	NASA (g)	NSF (h)	Other U.S. Government (i)	Total U.S. Government (j) (a–i)	Institutional support[a] (k)	Self, loans, and family (l)	Other U.S. Sources[b] (m)	Foreign sources (n)	Total U.S. Government (k–n) (o)	Total (j and o) (p)	First year (q)	Beyond first (r)
Fellowships and Traineeships	United States 1			39	991	1,105	323	4	551	469	3,482	2,205		781	34	3,020	6,502	1,816	4,686
	Foreign 2			1	5	18	16			265	305	391		277	438	1,106	1,411	486	925
Graduate Research Assistantships	United States 3			16	1	93	82	9	232	397	830	1,673		149		1,822	2,652	790	1,862
	Foreign 4			6		21	15	3	81	104	230	338		42	7	387	617	146	471
Other Than Above	United States 5					3	5		3	35	46	5,762		20		5,782	5,828	1,344	4,484
	Foreign 6					1			1	2	4	766		1		767	771	146	625
Other Than Above	United States 7		219	142	7	9	11	2	25	108	523	546	9,871	555		10,972	11,495	4,415	7,080
	Foreign 8					1	2		3	34	40	89	1,552	78	176	1,895	1,935	759	1,176
TOTALS	9		219	204	1,004	1,251	454	18	896	1,414	5,460	11,770	11,423	1,903	655	25,751	31,211	9,902	21,309
	Men 10		208	196	749	805	215	14	677	1,099	3,963	8,981	8,296	1,438	555	19,270	23,233	7,126	16,107
	Women 11		11	8	255	446	239	4	219	315	1,497	2,789	3,127	465	100	6,481	7,978	2,776	5,202
Total	United States 12		219	197	999	1,210	421	15	811	1,009	4,881	10,186	9,871	1,505	34	21,596	26,477	8,365	18,112
Total	Foreign 13			7	5	41	33	3	85	405	579	1,584	1,552	398	621	4,155	4,734	1,537	3,197
6. Full-time graduate science students enrolled for advanced degrees in this department as of Fall 1971; complete columns (j), (o), (p), (q), and (r).											6,102					25,368	31,470	10,625	20,845

7. [P]art-time graduate science students enrolled for advanced degrees (do not include "special" students):

First — FALL 1971			FALL 1972		
First Year (a)	Beyond First (b)	Total (c)	First Year (d)	Beyond First (e)	Total (f)
2,748	7,339	10,087	2,808	7,780	10,588

8. Postdoctorals and/or Research Associates:

FALL 1971		FALL 1972	
Total (a)	Recent Doctorals (since 1967) (b)	Total (c)	Recent Doctorals (since 1968) (d)
280	155	391	247

[a] Include institutions and State and local governments. [b] Include support from nonprofit institutions, industry, and all other U.S. sources.

NATIONAL SCIENCE FOUNDATION
SURVEY OF GRADUATE SCIENCE STUDENT SUPPORT, FALL 1972
DEPARTMENTAL DATA SHEET

Table G-8
SUMMARY OF RESPONSES FROM
658 DOCTORATE DEPARTMENTS
IN MEDICAL SCHOOLS

5. Full-time graduate science students enrolled for advanced degrees (M.S. and Ph.D.) receiving support of $1,200 or more in Fall 1972.

TYPES OF SUPPORT		U.S. GOVERNMENT (EXCLUDING LOANS)										NON–U.S. GOVERNMENT					ALL SOURCES		
					HEW														
		AEC	VA (G.I.* Bill)	DOD	NDEA	PHS (NIH)	OTHER HEW	NASA	NSF	Other U.S. Government	Total U.S. Government	Institutional support[a]	Self, loans, and family	Other U.S. Sources[b]	Foreign sources	Total U.S. Government	Total	First year	Beyond first
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j) (a–i)	(k)	(l)	(m)	(n)	(o) (k–n)	(p) (j and o)	(q)	(r)
Fellowships and Traineeships	United States 1			8	67	2,177	176	2	86	83	2,599	366		152	4	522	3,121	959	2,162
	Foreign 2					59				12	71	93		43	52	188	259	104	155
Graduate Research Assistantships	United States 3	3		3	4	342	12	10	15	24	413	158		80		238	651	176	475
	Foreign 4	2		1		96	6	4	10	3	122	28		23	4	55	177	41	136
Other Than Above	United States 5					38	8			4	50	573		14		587	637	208	429
	Foreign 6					11	4		1	1	17	132		2		134	151	32	119
Other Than Above	United States 7	1	35	1		41	2			14	94	167	1,023	91		1,281	1,375	679	696
	Foreign 8	1				13			1	2	17	29	130	17	51	227	244	125	119
TOTALS	9	7	35	13	71	2,777	208	16	113	143	3,383	1,546	1,153	422	111	3,232	6,615	2,324	4,291
	Men 10	6	31	12	47	1,903	124	15	81	108	2,327	1,154	822	291	98	2,365	4,692	1,547	3,145
	Women 11	1	4	1	24	874	84	1	32	35	1,056	392	331	131	13	867	1,923	777	1,146
Total	United States 12	4	35	12	71	2,598	198	12	101	125	3,156	1,264	1,023	337	4	2,628	5,784	2,022	3,762
Total	Foreign 13	3		1		179	10	4	12	18	227	282	130	85	107	604	831	302	529
6. Full-time graduate science students enrolled for advanced degrees in this department as of Fall 1971; complete columns (j), (o), (p), (q), and (r);											3,342					2,664	6,006	1,841	4,165

7. Part-time graduate science students enrolled for advanced degrees (do not include "special" students):

FALL 1971			FALL 1972		
First Year	Beyond First	Total	First Year	Beyond First	Total
(a)	(b)	(c)	(d)	(e)	(f)
251	517	768	412	566	978

8. Postdoctorals and/or Research Associates:

FALL 1971		FALL 1972	
Total	Recent Doctorals (since 1967)	Total	Recent Doctorals (since 1968)
(a)	(b)	(c)	(d)
3,160	1,993	3,610	2,270

[a] Include institutions and State and local governments. [b] Include support from nonprofit institutions, industry, and all other U.S. sources.

Other Science Resources Publications

Title	NSF No.	Price
esearch and Development in Industry, 1971	73-305	$1.65
mmigrant Scientists and Engineers in the United States. A Study of Characteristics and Attitudes	73-302	$1.25
Price Index for Deflation of Academic R&D Expenditures	72-310	$0.25
nemployment Rates and Employment Characteristics for Scientists and Engineers, 1971	72-307	$1.75
cientific Human Resources. Profiles and Issues	72-304	$0.25
apers and Proceedings of a Conference on Research and Development and Economic Growth/Productivity	72-303	$0.75
969 & 1980 Science & Engineering Doctorate Supply & Utilization	71-20	$0.50
EVIEWS OF DATA ON SCIENCE RESOURCES		
o. 21. "Federal Scientific, Technical, and Health Personnel, 1971"	73-309	$0.30

Title	NSF No.	Price
SCIENCE RESOURCES STUDIES HIGHLIGHTS		
"Continued Growth Planned for Federal Civilian R&D Programs"	73-314	.....
"Federal R&D Support to State and Local Governments Gaining in Emphasis"	73-313	.....
"Federal R&D Funding Shows Little Change, Though Priorities Shift"	73-312	.....
"Immigrant Scientists and Engineers Decline in FY 1972, Physicians Increase Sharply"	73-311	.....
"Selected Characteristics of Five Engineering and Scientific Occupational Groups, 1972"	73-306	.....
"NSF Forecasts Rise in Company-Funded Research and Development and R&D Employment"	73-301	.....
"Changes in Graduate Programs in Science and Engineering, 1970-72 and 1972-74"	72-311	.....
"Undergraduate Enrollments in Science and Engineering"	71-42	.....